



Industrial Solutions

THE BIG WAGNER 2011 / 2012

Liquid Applications



WAGNER - Perfect Surfaces for Industry

WAGNER is the market leading manufacturer of high tech systems and components for the application of paints and powders to surfaces. We are one of only a few suppliers to offer the full spectrum of products and technologies needed throughout the entire process chain – from material feeding and mixing to transporting and controlling and, finally, to application of the material on the surface. Efficient use of resources, maximum quality and economy is what we stand for in everything we do.

WAGNER QUALITY

We globally develop, produce and distribute innovative products and solutions based on trendsetting technologies that meet the highest quality standards. WAGNER offers maximum quality, reliability and cost effectiveness.

WAGNER DEVELOPMENT CENTER

From the initial idea to series production, this highly advanced development center sets new standards in the development of products and solutions for the surface finishing industry. In addition, it is here that compliance with all national and international standards and regulations is guaranteed in the course of product development.

WAGNER TECHNOLOGY CENTER

WAGNER offer its customers an unique technology center with floor space of 1,400 m² for liquid and powder coating, located at the company headquarters in Markdorf. In rooms equipped with the latest technology, our customers are able to coat their products with liquid or powder materials under real production conditions. On the basis of insights gained during these trials, efficient system concepts are developed and implemented in cooperation with our experts.

WAGNER SERVICE

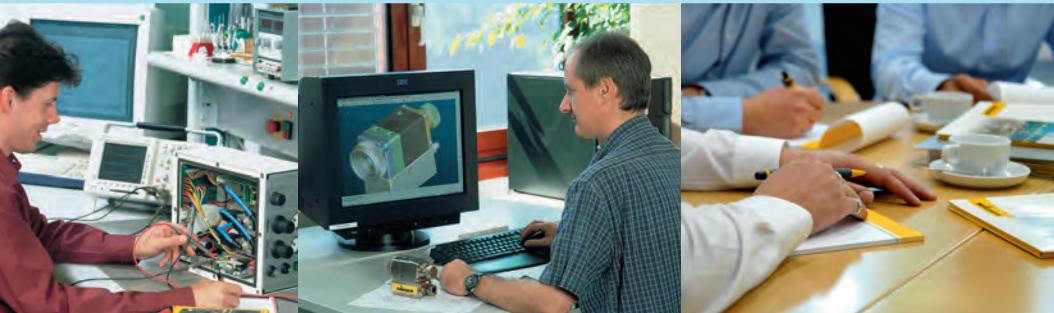
Always close to you - the WAGNER Service network. WAGNER provides its customers with worldwide service. At our bases you will always find the right contact for all technical queries. Regular maintenance of your equipment will ensure for high process safety and reliability. The latest developments and updates could be very advantageous for your processes. We are glad to pass this knowledge on to you. Either during maintenance work – after all we are on your premises anyway - or you can make use of our training offers!

WAGNER DISTRIBUTION SUPPORT

Become a WAGNER distributor today. We offer a broad sales support by our highly qualified employees as well as by offering a wide range of material, tools and documents.

Examples:

- product and accessory catalogs
- price lists
- brochures, poster etc.
- user manuals
- InfoNet - the WAGNER IS information portal
- WAGNER distributor shop



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Feeding

High pressure piston pumps EvoMotion



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Low pressure piston pumps



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High pressure diaphragm pumps



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Low pressure diaphragm pumps



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Mixing

TwinControl series



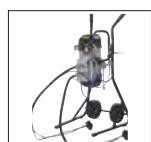
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Cobra 2K



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Applying

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Overview | New products 2011

Cobra 40-25



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TECHNICAL DATA

Pump ratio	40:1
Max. material pressure	250 bar, 25 MPa, 3.625 PSI
Volumetric flow per DS	25 cm ³ , 1,53 in ³
Volumetric flow (free outlet)	5,0 l/min

DESCRIPTION

The unique advantages of the patented Cobra technology are now available in a 5 l/min version. The new Cobra 40-25 has been specially designed for high delivery rate applications such as automatic multi-gun coating lines or for operations with large nozzle sizes.

GA 4000AC



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TECHNICAL DATA

Max. material pressure	250 bar / 3625 psi
Max. material temperature	80 °C / 176 °F
Material connection	BSP 1/4"

DESCRIPTION

The innovative WAGNER automatic AirCoat guns employ our brand new AirCoat atomization process to produce the finest finishing results ever. These guns meet all market demands - highest flexibility, ultra light weight, compact dimensions and new long life packing for high process reliability.

EvoMotion 5-125



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TECHNICAL DATA

Übersetzungsverhältnis	5:1
Max. Betriebsdruck	4,0 MPa, 40 bar, 580 PSI
Volumenstrom pro 60DH	7.5 l/min
Material Farbstufe	Carbon steel

DESCRIPTION

Low pressure piston pump Stainless steel for material feeding up to 40 bar and 3.6 l/min. Ideal for low pressure 2K units such as TwinControl and hardener supply.



Dear customers, colleagues and partners

Reflection is nothing else than to be engaged with different views. I like to share with you one point of view about our common tasks. We, the WAGNER-Team, are the specialists of surface coating and finishing. All things around us or we use frequently, things which makes our life more comfortable have all surfaces and than we get to learn the content itself. The surfaces are important for the first impression. Surfaces have a strong influence about sympathy or antifathy. Surfaces can be hard or soft, clean or gleamy, monochrome or coloured. They can be designed clinical, graphic or artistically. The subject of the surface is to protect objects and in the most cases also the optic is very important. The surfaces decides about success or failure or a product. They can be considered also as packing for an object like it's used for a gift. You see the great variety of surfaces. In all cases they protects and make them more beautiful.

With our products we offer to our customers processes and solutions for the finishing of products and for coating the surfaces. With this we have a substantial share to protect values and make our environment more beautiful and liveable. We make our world even more colourful and multifaceted. Advisability and beauty are no opposition. Also we inspire emotions with coatings. So we have the most beautiful task. There are only a few industries with such diversity that make our world more liveable. You can see it's only a question of perception.

Best regards,

Hubert Riek
CEO WAGNER Industrial Solutions



WAGNER Feeding Technology

Powerfull and reliable!

Paints, stains, release agents, primers, adhesives and chemicals, whether they have a high or low viscosity, are watery or have a high solid content – WAGNER offers the right pump for every material and every application. By developing pumps that feature constant performance, low-icing air motors, reliability, service friendliness, minimal wear and low energy consumption, WAGNER has created a broad product spectrum that contains a solution for every requirement.



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WAGNER feeding technology

Material feed methods can be differentiated into two different types: pumps and pressure tanks. Pumps, in turn, are subdivided into piston pumps and diaphragm pumps. A special type of pump is the so-called extrusion pump for particularly viscous materials. A further application is the hot spraying method, a technology in which the material is heated to minimize its viscosity and facilitate processing.

Piston pumps



Piston pumps draw the material out of the container and apply the necessary pressure to push it through hoses or pipes to the spray gun. Most pumps offered by Wagner are pneumatically operated. Piston pumps are classified by pump ratio and volumetric flow. They are suitable for low to high viscosity materials.

Diaphragm pumps



In diaphragm pumps, the material is drawn out of the container via a double diaphragm and fed through hoses or pipes to the spray gun with the necessary pressure. All Wagner diaphragm pumps are double membrane pumps characterized by a material feed with very low pulsation. These pumps can be grouped into simple double diaphragm pumps, ratio double diaphragm pumps and high pressure double diaphragm pumps.

Pressure tanks



Pressure tanks accomplish several tasks at once. They feed material by means of compressed air that puts the contents under pressure. The supply of material from a pressure tank is absolutely free of pulsation and continuous. In addition, the pressure tank acts as a material storage facility.

Hot spraying



Increasing a material's temperature lowers its viscosity, an effect that can normally only be achieved by thinning the material with a solvent. A further benefit of hot spraying is that the processing temperature remains constant because the material is not subject to temperature fluctuations at the workstation. This helps ensure consistent results.

Overview on WAGNER feeding technology

WAGNER offers a wide range of pumps for different applications. Please choose the perfect solution for your requirements. Further information you will find in the following chapters.

Feeding technology



Pressure Tanks	1:1 Diaphragm Pumps	4:1 Diaphragm Pumps	High Pressure Diaphragm Pumps	Stainless Steel Piston Pumps
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Material characteristics

water based material	■	■	■	■	■
solvent based material	■	■	■	■	■
low-viscosity [<40 sec. DIN No.4]	■	■	■	■	■
high-viscosity [>40 sec. DIN No.4]	□	□	■	■	■
high-solid material	□	□	□	■	■
ultra-high-solid material	□	□	□	□	■
high abrasive material	■	■	■	■	■
UV-sensitive material	■	■	■	■	□
shear sensitive material	■	■	■	■	□
moisture sensitive material	■	■	■	■	■

Basic Atomization

AirSpray	■	■	□	□	□
AirCoat	□	□	□	■	■
Airless	□	□	□	■	■
fluid transfer & feeding system	□	■	■	□	■

Technical Specifications

Pressure	max. 8 bar	1...8 bar	4...27 bar	80...320 bar	30...530 bar
Material flow range	n.n.	182 l/min	1...8 l/min	0,05...2 l/min	0,1...70 l/min

Legend

- Extremely appropriate
- Very appropriate
- Not appropriate

High pressure piston pump EvoMotion stainless steel

The EvoMotion pumps by WAGNER are an attractive product family for the feeding of a wide variety of solvent-based and water-based materials. The paint stages are of stainless steel and for this reason are extremely robust, durable, reliable and low-maintenance. The optional anti-pulsation tank with a return pressure regulator and paint filter significantly reduces pulsation in the paint line and guarantees excellent spray results.



High efficiency

The EvoMotion air motors have excellent staying power and are very efficient at converting air pressure to a high delivery rate. The motor is very low maintenance and does not require pneumatic oil.

High flexibility

All pumps are prepared for working with the pressure regulator equipment, pump controller and AirCoat maintenance unit. Spraypacks are delivered ready to spray.

Low operating costs

The piston and cylinder are made entirely of stainless steel and, together with the self-adjusting packings, provide for a long pump service life.

Well positioned

Using the base plate, the pump can be easily and securely mounted on wall brackets, trolleys and frames.

Selection chart EvoMotion piston pumps

The selection chart supports you in finding the perfect EvoMotion pump for your coating requirements. If you have further questions, please contact your WAGNER specialist.

High pressure piston pumps EvoMotion stainless steel (S)

EvoMotion 20-30S
EvoMotion 40-15S

Material characteristics

water based material	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
solvent based material	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
low-viscosity [<40 sec. DIN No.4]	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
medium-viscosity [40...60 sec. DIN No.4]	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
high-viscosity [>60 sec. DIN No.4]	<input type="checkbox"/>	<input type="checkbox"/>
UV-sensitive material	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
shear sensitive material	<input type="checkbox"/>	<input type="checkbox"/>
moisture sensitive material	<input type="checkbox"/>	<input type="checkbox"/>

Basic Atomization

AirSpray	<input type="checkbox"/>	<input type="checkbox"/>
AirCoat 160 bar max.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AirCoat 250 bar max.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Airless 270 bar max.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Airless 400 bar max.	<input type="checkbox"/>	<input type="checkbox"/>
Airless 530 bar max.	<input type="checkbox"/>	<input type="checkbox"/>
fluid transfer & feeding system	<input type="checkbox"/>	<input type="checkbox"/>

Maximum number of guns

1 gun, nozzle 0,011"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2 guns, nozzle 0,011"	<input type="checkbox"/>	<input type="checkbox"/>
3 guns, nozzle 0,011"	<input type="checkbox"/>	<input type="checkbox"/>
4 guns, nozzle 0,011"	<input type="checkbox"/>	<input type="checkbox"/>
1 gun, nozzle 0,017"	<input type="checkbox"/>	<input type="checkbox"/>
2 guns, nozzle 0,017"	<input type="checkbox"/>	<input type="checkbox"/>
3 guns, nozzle 0,017"	<input type="checkbox"/>	<input type="checkbox"/>
4 guns, nozzle 0,017"	<input type="checkbox"/>	<input type="checkbox"/>

Legend

- Extremely appropriate
- Very appropriate
- Not appropriate

EvoMotion 40-15S



PRODUCT DESCRIPTION

- High pressure piston pump, stainless steel, for Airless and AirCoat applications to 320 bar and 0.9 L/min. Ideal, for example, for professional single-item paint stations in production and in the workshop.

ATEX CLASSIFICATION

- II 2 G IIB T3

MATERIAL WETTED PARTS

- Stainless steel
- PTFE
- PA

TECHNICAL DATA

Pump ratio	40 :1
Material inlet	G 1/2"
Material outlet, inner thread	G 3/8"
Air inlet pressure	0,8 MPa, 8,0 bar, 116 PSI
Air inlet connection	8 mm
Pneumatic connection Ø	9 mm, 0,4 in
Operating pressure	23,0 MPa, 230 bar, 3336 PSI
Volumetric flow per 60 DS	0.9 l/min
Volumetric flow with free drainage	1.7 l/min, 0,1 cfm
Pump body material	Stainless steel
Valve seat material	Stainless steel
Packing type	PE/T
Volumetric flow per double stroke	15 cm ³ /DS, 0,92 in ³ /DH
Weight	9,0 kg, 19.8 lb
Sound level at 6bar air pressure	69 dB(A)
Piston Ø, air motor	80

INCLUDED ITEMS

- Pump with air regulator and hose connection fitting
- Designed for installation on wall mount, frame or trolley
- Release agent bottle 250 cm³
- User manual
- CE declaration of conformity

ORDERING INFORMATION

- Also available, in addition to the basic unit, is a variety of ready-to-use spraypacks.
- The wall mount, frame or trolley must be ordered separately



EvoMotion 40-15S

BASIC UNITS

Description	Item no.
Pistonp. EvoMotion 40-15S PE/T	U6S40015M00

SPRAYPACKS

SP-EM40-15S-Standard

- Pistonp. EvoMotion 40-15S PE/T
- Suction tube G1/2"-300 assy.
- Return cpl.-G1/4"-PN350-CS

U6S40015M10

U6S40015M00
T4016.00
T6165.00M

SP-EM40-15S-Extended

- Pistonp. EvoMotion 40-15S PE/T
- Flex suction hose DN16-G1/2""-E90°-SS
- Return cpl.-G1/4"-PN350-SS

U6S40015M30

U6S40015M00
T4016.00EI
T6165.00MAI

SP-EM40-15S-GM4600AC-Standard

- Pistonp. EvoMotion 40-15S PE/T
- Suction tube G1/2"-300 assy.
- Return cpl.-G1/4"-PN350-CS
- Kit AirCoat air regulator
- Nozzle ACF3000 11/40
- GM 4600AC 25MPa NPSM1/4"
- AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T
- Air cap LV plus (red / GM 4x00AC)

U6S40015M21

U6S40015M00
T4016.00
T6165.00M
T6145.00A
379411
394014
2309706
2313494

SP-EM40-15S-GM4600AC-Extended

- Pistonp. EvoMotion 40-15S PE/T
- Flex suction hose DN16-G1/2""-E90°-SS
- Return cpl.-G1/4"-PN350-SS
- Kit AirCoat air regulator
- Nozzle ACF3000 11/40
- AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T
- GM 4600AC 25MPa NPSM1/4"
- Air cap LV plus (red / GM 4x00AC)

U6S40015M41

U6S40015M00
T4016.00EI
T6165.00MAI
T6145.00A
379411
2309706
394014
2313494

SP-EM40-15S-AG14AL-Standard

- Pistonp. EvoMotion 40-15S PE/T
- Suction tube G1/2"-300 assy.
- Return cpl.-G1/4"-PN350-CS
- HP-Hose-DN4-PN270-1/4"NPS-7,5m-PA
- Gun AG-14 f-thread 11/16" NPS1/4"
- Standard tip 411

U6S40015M12

U6S40015M00
T4016.00
T6165.00M
9984573
257017
90411

Feeding

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EvoMotion 40-15S**SP-EM40-15S-AG14AL-Extended**

- Pistonp. EvoMotion 40-15S PE/T
- Flex suction hose DN16-G1/2""-E90°-SSt
- Return cpl.-G1/4"-PN350-SSt
- HP-Hose-DN4-PN270-1/4"NPS-7,5m-PA
- Gun AG-14 f-thread 11/16" NPS1/4"
- Standard tip 411

U6S40015M32

- U6S40015M00
- T4016.00EI
- T6165.00MAI
- 9984573
- 257017
- 90411

Feeding

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EvoMotion 20-30S



TECHNICAL DATA

Pump ratio	20 :1
Material inlet	G 1/2"
Material outlet, inner thread	G 3/8"
Air inlet pressure	0,8 MPa, 8,0 bar, 116 PSI
Air inlet connection	8 mm
Pneumatic connection Ø	9 mm, 0,4 in
Operating pressure	16,0 MPa, 160 bar, 2321 PSI
Volumetric flow per 60 DS	1.8 l/min
Pump body material	Stainless steel
Valve seat material	Stainless steel
Packing type	PE/T
Volumetric flow per double stroke	30 cm ³ /DS, 1,83 in ³ /DH
Sound level at 6bar air pressure	69 dB(A)
Piston Ø, air motor	80

PRODUCT DESCRIPTION

- High pressure piston pump, stainless steel, for Airless and AirCoat applications to 160 bar and 1.8 L/min. Ideal, for example, for professional paint stations in single-item production.

ATEX CLASSIFICATION

- II 2 G IIB T3

MATERIAL WETTED PARTS

- Stainless steel
- PTFE
- PA

INCLUDED ITEMS

- Pump with air regulator and hose connection fitting
- Designed for installation on wall mount, frame or trolley
- Release agent bottle 250 cm³
- User manual
- CE declaration of conformity

ORDERING INFORMATION

- Also available, in addition to the basic unit, is a variety of ready-to-use spraypacks.
- The wall mount, frame or trolley must be ordered separately

Feeding

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EvoMotion 20-30S



BASIC UNITS

Description	Item no.
EvoMotion 20-30S PE/T	U6S20030M00

SPRAYPACKS

SP-EM20-30S-Standard

- EvoMotion 20-30S PE/T
- Suction tube G1/2"-270 assy.
- Return cpl.-G1/4"-PN350-CS
- Kit AirCoat air regulator

U6S20030M20

- U6S20030M00
- T4016.00M
- T6165.00M
- T6145.00A

SP-EM20-30S-Extended

- EvoMotion 20-30S PE/T
- Flex suction hose DN16-G1/2""-E90°-SSt
- Return cpl.-G1/4"-PN350-SSt
- Kit AirCoat air regulator

U6S20030M40

- U6S20030M00
- T4016.00EI
- T6165.00MAI
- T6145.00A

SP-EM20-30S-GM4600AC-Standard

- EvoMotion 20-30S PE/T
- Suction tube G1/2"-270 assy.
- Return cpl.-G1/4"-PN350-CS
- Kit AirCoat air regulator
- GM 4600AC 16MPa NPSM1/4"
- Nozzle ACF3000 11/40
- AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T
- Air cap LV plus (red / GM 4x00AC)

U6S20030M21

- U6S20030M00
- T4016.00M
- T6165.00M
- T6145.00A
- 394004
- 379411
- 2309706
- 2313494

SP-EM20-30S-GM4600AC

- EvoMotion 20-30S PE/T
- Flex suction hose DN16-G1/2""-E90°-SSt
- Return cpl.-G1/4"-PN350-SSt
- Kit AirCoat air regulator
- GM 4600AC 16MPa NPSM1/4"
- Nozzle ACF3000 11/40
- AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T
- Air cap LV plus (red / GM 4x00AC)

U6S20030M41

- U6S20030M00
- T4016.00EI
- T6165.00MAI
- T6145.00A
- 394004
- 379411
- 2309706
- 2313494

SP-EM20-30S-GM4600AC-Oberbeh.

- EvoMotion 20-30S PE/T
- Hopper black
- Hopper 5L-cover
- Curved suction pipe assy. for hopper 5L
- Fitting-IF-MM-G1/2"-M36x2-PN15-SSt
- Return cpl.-G1/4"-PN350-SSt
- Kit AirCoat air regulator
- GM 4600AC 16MPa NPSM1/4"
- Nozzle ACF3000 11/40
- AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T
- Air cap LV plus (red / GM 4x00AC)

U6S20030M61

- U6S20030M00
- 340265
- 340429
- 366950
- 935050
- T6165.00MI
- T6145.00A
- 394004
- 379411
- 2309706
- 2313494

**EvoMotion 20-30S****Spraypack AquaCoat AC EM 20-30S**

■ AquaCoat with VM 2900W	363020
■ Spray gun GM 2900EACW-F (7.5m)	353040
■ Filter relief valve combination	363960
■ nozzle ACF-Brillant 11/40	367025
■ EvoMotion 20-30S PE/T	148411
	U6S20030M00

Feeding

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High pressure piston pump EvoMotion stainless steel - Accessories

Feeding

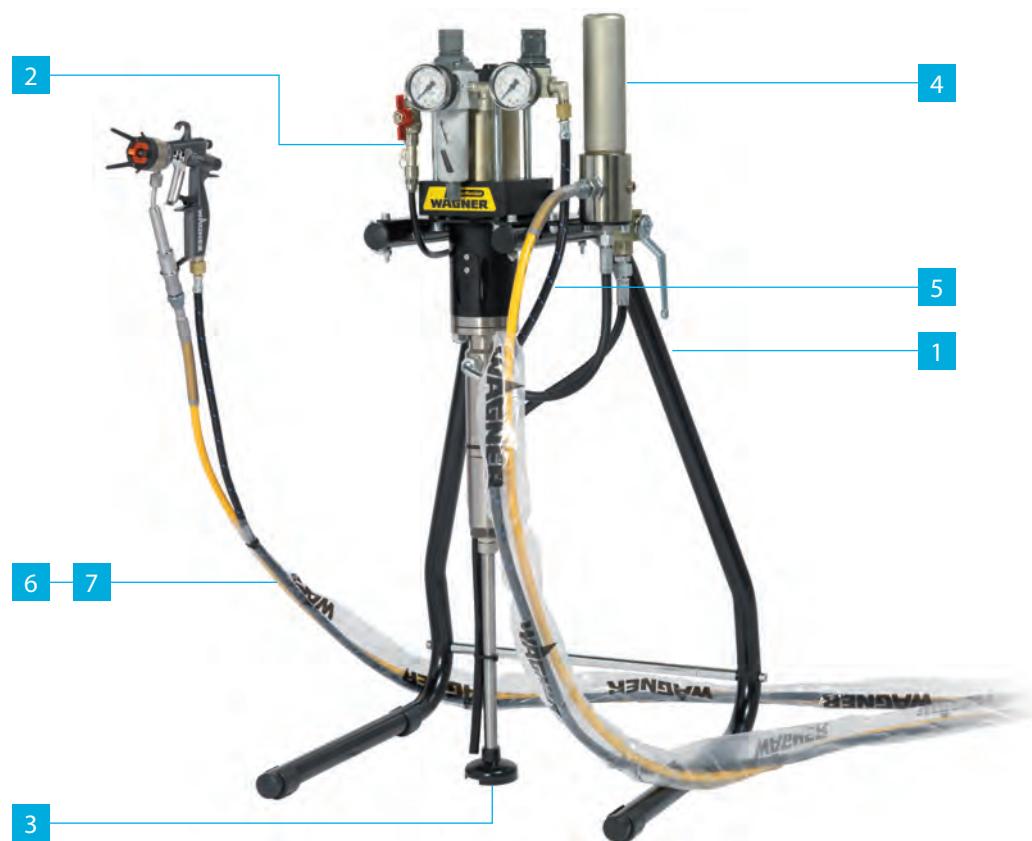
Mixing

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High pressure piston pump EvoMotion stainless steel - Accessories

	EvoMotion 20-30S	EvoMotion 40-15S
1 Mounting equipment		
Wall bracket EM31-40/Zip52 finish	T760.00M	T760.00M
Stand Zip/Evomotion	T760.00S	T760.00S
Trolley Zip/Evomotion	T760.00SR	T760.00SR
2 Air supply		
Kit pump air regulator	T6141.00	T6141.00
Kit AirCoat air regulator	T6145.00A	T6145.00A
3 Suction system		
Suction tube G1/2"-270 assy.	T4016.00M	T4016.00M
Flex suction hose DN16-G1/2""-E90°-SS	T4016.00EI	T4016.00EI
Hopper black	340265	340265
Hopper 5L-cover	340429	340429
Curved suction pipe assy. for hopper 5L	366950	366950
Fitting-IF-MM-G1/2"-M36x2-PN15-SS	935050	935050
4 Material filter		
APS-Filter upgrade-kit-CS	T6195.00M	T6195.00M
5 Return line		
Return cpl.-G1/4"-PN350-SS	T6165.00MI	T6165.00MI
Ball valve-G1/4"-1/4"NPS-PN350-SS	T6165.00MCI	T6165.00MCI
Return tube-G 1/4"-0,1m-PA/St	S401.00M	S401.00M
Return hose-1/4"NPS-2,2 m-PA -CS	S801.00B	S801.00B
6 AirCoat hose pack		
AC-hose-DN3-PN270-1/4"NPS-7,5m-PA-T	2309705	2309705
AC-Hose-DN3-PN270-1/4"NPS-10,0m-PA-T	9984596	9984596
AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T	2309706	2309706
AC-hose-DN4-PN270-1/4"NPS-15,0m-PA-T	2309634	2309634
AC-hose-DN4-PN270-1/4"NPS-20,0m-PA-T	2309635	2309635
7 Airless material hose		
HP-Hose-DN3-PN270-1/4"NPS-7,5m-PA	-	9984583
HP-Hose-DN4-PN270-1/4"NPS-7,5m-PA	-	9984573
HP-Hose-DN4-PN270-1/4"NPS-10,0m-PA	-	2302374

Feeding

Mixing

Applying

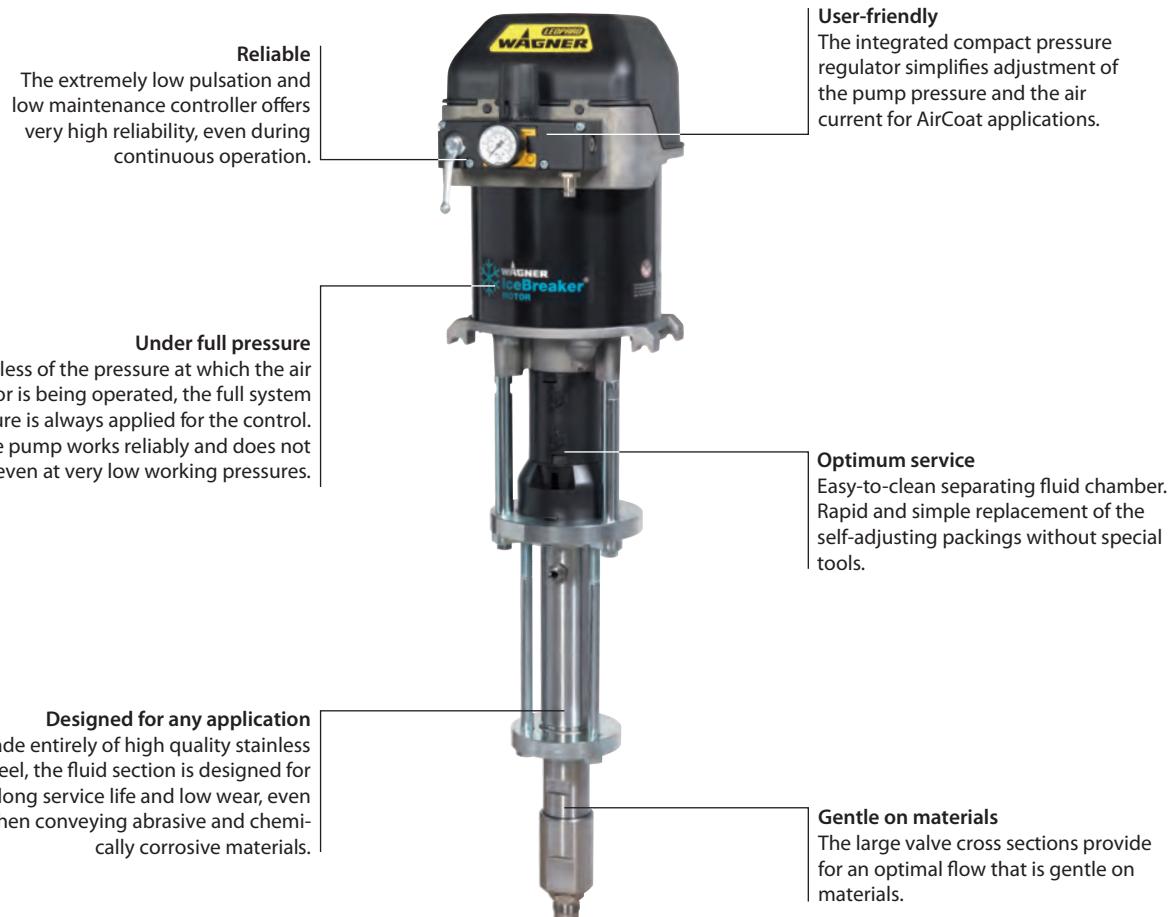
Control

Moving

Booths

High pressure piston pump IceBreaker

With the IceBreaker piston pumps, WAGNER covers the entire spectrum of industrial applications. Whether in window production or shipyards, low-viscosity varnish or high-viscosity thick coat corrosion protection – the product palette meets every requirement. The pumps are highly energy efficient and durable. The air motors work virtually without icing and, through their very low pulsation, always produce optimal spraying results.



Selection chart IceBreaker high pressure piston pumps

The selection chart supports you in finding the perfect IceBreaker pump for your coating requirements. If you have further questions, please contact your WAGNER specialist.

High pressure piston pumps IceBreaker

Material characteristics

	WildCat 18-40	WildCat 10-70	Puma 28-40	Puma 15-70	Puma 15-150	Leopard 35-70	Leopard 35-150	Leopard 48-110	Leopard 18-300	Jaguar 38-300	Jaguar 75-150	Tiger 72-300
water based material	■	■	■	■	■	■	■	■	■	■	■	■
solvent based material	■	■	■	■	■	■	■	■	■	■	■	■
low-viscosity [<40 sec. DIN. No.4]	■	■	■	■	■	■	■	■	■	■	■	■
medium-viscosity [40...60 sec. DIN No.4]	■	■	■	■	■	■	■	■	■	■	■	■
high-viscosity [>60 sec. DIN No.4]	□	□	□	□	□	■	■	■	□	■	■	■
UV-sensitive material	■	■	■	■	■	■	■	■	■	■	■	■
shear sensitive material	□	□	□	□	□	□	□	□	□	□	□	□
moisture sensitive material	■	■	■	■	■	■	■	■	■	■	■	■

Basic Atomization

AirSpray	□	□	□	□	□	□	□	□	□	□	□	□
AirCoat 160 bar max.	■	■	■	■	■	■	■	■	■	■	■	■
AirCoat 250 bar max.	□	□	□	□	□	□	■	■	□	■	■	■
Airless 270 bar max.	■	□	■	□	□	□	■	■	□	■	■	■
Airless 400 bar max.	□	□	□	□	□	□	□	■	□	□	■	■
Airless 530 bar max.	□	□	□	□	□	□	□	□	□	□	■	■
fluid transfer & feeding system	□	■	□	□	□	□	□	□	■	□	□	□

Maximum number of guns

1 gun, nozzle 0,011"	■	■	■	■	■	■	■	■	■	■	■	■
2 guns, nozzle 0,011"	■	■	■	■	■	■	■	■	■	■	■	■
3 guns, nozzle 0,011"	□	■	□	■	■	■	■	■	■	■	■	■
4 guns, nozzle 0,011"	□	■	□	■	■	■	■	■	■	■	■	■
1 gun, nozzle 0,017"	□	■	□	■	■	■	■	■	■	■	■	■
2 guns, nozzle 0,017"	□	■	□	■	■	■	□	■	■	■	■	■
3 guns, nozzle 0,017"	□	□	□	□	■	□	■	□	■	■	■	■
4 guns, nozzle 0,017"	□	□	□	□	■	□	□	□	■	■	□	■

Legend

- Extremely appropriate
- Very appropriate
- Not appropriate

Feeding

Mixing

Applying

Moving

Booths

Wildcat 18-40

PRODUCT DESCRIPTION

- High pressure piston pump, stainless steel, for Air-Coat applications to 140 bar and 2.4 L/min. Ideal, for example, for professional single-item paint stations in production and in the workshop.

ATEX CLASSIFICATION

- II 2 G IIB T3

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Hard chrome
- Teflon
- Packing material depending on pump type

TECHNICAL DATA

Pump ratio	18 : 1
Max. material pressure at pump inlet	2,0 MPa, 20 bar, 290 PSI
Material inlet	M 36x2
Material outlet, inner thread	G 3/8"
Material temperature	5 - 80 °C, 41.0 - 176.0 °F
Air inlet pressure	0,3 - 0,8 MPa, 2,5 - 8,0 bar, 36 - 116 PSI
Air inlet	G 1/2"
Operating pressure	14,4 MPa, 144 bar, 2089 PSI
Volumetric flow per 60 DS	2.4 l/min
Volumetric flow with free drainage	18 l/min, 0,6 cfm
Valve seat material	Tungsten carbide
Volumetric flow per double stroke	40 cm³/DS, 2,44 in³/DH
Ambient temperature	5 - 60 °C, 41 - 140 °F
Weight	15,0 kg, 33.1 lb
Max. sound level	77 dB(A)
Sound level at 6bar air pressure	74 dB(A)
Material pH	3,5 - 9,0 pH
Allowable inclination	±10 °
Min. air inlet Ø	9 mm, 0.4 in

INCLUDED ITEMS

- Pump, incl. air pressure regulator
- Release agent bottle 250 cm³
- Adapter for M 36x2 suction connection
- Adapter, material outlet 3/8" NPSM
- Adapter for 1/4" NPSM
- Tool set
- User manual
- CE declaration of conformity

ORDERING INFORMATION

- With the aid of the configuration table, the pump can be individually configured with a holder, suction system, material filter, hose and spray gun, according to your requirements.
- Also available is a variety of ready-to-use spraypacks.



Wildcat 18-40

BASIC UNITS

Packing type	Valve seat material	Valve tappet	Description	Item no.
PE / TG	Tungsten carbide	No	Wagner piston pump Wildcat 18-40 NPS	366110
PE/T	Tungsten carbide	No	Wagner piston pump	366111
PE / TG	Tungsten carbide	Yes	Wagner piston pump 18-40 valve pusher	366105
PE/T	Tungsten carbide	Yes	Wagner piston pump 18-40 valve pusher	366106

Feeding

Mixing

Applying

Control

Moving

Booths



Wildcat 18-40

ORDERING INFORMATION



Wildcat 18-40

SERVICE SETS

Service kit airmotor 3"/75	366995
Service kit pump PP40 ccm PE+TG	367990
Service kit pump PP40 ccm PE+T	367994

SPRAYPACKS

SP Wildcat 18-40 GM4600AC trolley-F	366122
■ Wagner piston pump Wildcat 18-40 NPS	366110
■ Filter-pressure regulator AirCoat cpl.	367187
■ Flex suction hose DN25-M36x2-E90°	367140
■ nozzle ACF3000 13/40	379413
■ Stand WildCat/Puma	367021
■ Wheelkit for 367021&368021	367022
■ GM 4600AC 16MPa NPSM1/4"	394004
■ FRC-Filter release combination	367135
■ FRC Recirculation pipe	115858
■ AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T	2309706
■ Air cap LV plus (red / GM 4x00AC)	2313494

Feeding

Mixing

Applying

Control

Moving

Booths

Wildcat 10-70

PRODUCT DESCRIPTION

- High pressure piston pump, stainless steel, for Air-Coat applications up to 80 bar and 4 L/min. Ideal, for example, for small paint supply stations and single-item paint stations.

ATEX CLASSIFICATION

- II 2 G IIB T3

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Hard chrome
- Teflon
- Packing material depending on pump type

TECHNICAL DATA

Pump ratio	10 :1
Max. material pressure at pump inlet	2,0 MPa, 20 bar, 290 PSI
Material inlet	M 36x2
Material outlet, inner thread	G 3/8"
Material temperature	5 - 80 °C, 41.0 - 176.0 °F
Air inlet pressure	0,3 - 0,8 MPa, 2,5 - 8,0 bar, 36 - 116 PSI
Air inlet	G 1/2"
Operating pressure	8,0 MPa, 80 bar, 1160 PSI
Max. stroke rate	60 DS/min
Volumetric flow per 60 DS	4.2 l/min
Volumetric flow with free drainage	35 l/min, 1,2 cfm
Valve seat material	Tungsten carbide
Volumetric flow per double stroke	70 cm³/DS, 4,27 in³/DH
Ambient temperature	5 - 60 °C, 41 - 140 °F
Max. sound level	77 dB(A)
Sound level at 6bar air pressure	74 dB(A)
Material pH	3,5 - 9,0 pH
Allowable inclination	±10 °
Min. air inlet Ø	10 mm, 0.4 in

INCLUDED ITEMS

- Pump, incl. air pressure regulator
- Release agent bottle 250 cm³
- Adapter for M 36x2 suction connection
- Adapter, material outlet 3/8" NPSM
- Adapter for 1/4" NPSM
- Tool set
- User manual
- CE declaration of conformity

ORDERING INFORMATION

- With the aid of the configuration table, the pump can be individually configured with a holder, suction system, material filter, hose and spray gun, according to your requirements.
- Also available is a variety of ready-to-use sprays.



BASIC UNITS

Packing type	Valve seat material	Valve tappet	Description	Item no.
PE / TG	Tungsten carbide	No	Wagner piston pump Wildcat 10-70 NPS	366112
PE/T	Tungsten carbide	No	Wagner piston pump Wildcat 10-70 NPS	366113

ORDERING INFORMATION

Description	Art.-No.								
Spraypack Wildcat 10-70	366091 -								
Mounting									
w/o mounting	1								
wall	2								
stand	3								
trolley	4								
Suction system									
w/o suction system	1								
ridgid (stainless steel)	2								
flexible hose NW 13	3								
flexible hose NW 25	4								
hopper	5								
Material filter									
filter relief combination	1								
HP-filter (ball valve carbon steel)	2								
HP-filter (ball valve stainless steel)	3								
Return									
w/o return	1								
return pipe HPF	2								
return hose	3								
Package									
PE/TG	1								
PE/T	2								

SERVICE SETS

Service kit airmotor 3"/75	366995
Service Set Fluidsec. 70/150 ccm PE+TG	368990
Service kit pump PP70 and 150 ccm PE+T	368994

Feeding

Mixing

Applying

Control

Moving

Puma 28-40

PRODUCT DESCRIPTION

- High pressure piston pump, stainless steel, for Airless and AirCoat applications to 220 bar and 2.4 L/min. Ideal, for example, for professional single-item paint stations in production and in the workshop.

ATEX CLASSIFICATION

- II 2 G IIB T3

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Hard chrome
- Teflon
- Packing material depending on pump type

TECHNICAL DATA

Pump ratio	28 :1
Max. material pressure at pump inlet	2,0 MPa, 20 bar, 290 PSI
Material inlet	M 36x2
Material outlet, inner thread	G 3/8"
Material temperature	5 - 80 °C, 41.0 - 176.0 °F
Air inlet pressure	0,3 - 0,8 MPa, 2,5 - 8,0 bar, 36 - 116 PSI
Air inlet	G 1/2"
Operating pressure	22,4 MPa, 224 bar, 3249 PSI
Max. stroke rate	60 DS/min
Volumetric flow per 60 DS	2.4 l/min
Volumetric flow with free drainage	18 l/min, 0,6 cfm
Valve seat material	Tungsten carbide
Volumetric flow per double stroke	40 cm ³ /DS, 2,44 in ³ /DH
Ambient temperature	5 - 60 °C, 41 - 140 °F
Weight	16,0 kg, 35.3 lb
Max. sound level	78 dB(A)
Sound level at 6bar air pressure	74 dB(A)
Material pH	3,5 - 9,0 pH
Allowable inclination	±10 °
Min. air inlet Ø	9 mm, 0.4 in

INCLUDED ITEMS

- Pump, incl. air pressure regulator
- Release agent bottle 250 cm³
- Adapter for M 36x2 suction connection
- Adapter, material outlet 3/8" NPSM
- Adapter for 1/4" NPSM
- Tool set
- User manual
- CE declaration of conformity

ORDERING INFORMATION

- With the aid of the configuration table, the pump can be individually configured with a holder, suction system, material filter, hose and spray gun, according to your requirements.
- Also available is a variety of ready-to-use sprayspacks.

**Puma 28-40****BASIC UNITS**

Packing type	Valve seat material	Valve tappet	Description	Item no.
PE / TG	Tungsten carbide	No	Wagner piston pump 28-40 NPS	367103
PE/T	Tungsten carbide	No	Wagner piston pump 28-40 NPS	367105
PE / TG	Stainless steel	No	Wagner piston pump 28-40 PE/ TG ESS	367119

Feeding

Mixing

Applying

Control

Moving

Booths



Puma 28-40

ORDERING INFORMATION

SERVICE SETS

Service kit pump PP40 ccm PE+TG 367990



<u>Service kit pump PP40 ccm PE+T</u>	<u>367994</u>
<u>Service kit airmotor 4"</u>	<u>367995</u>

SPRAYPACKS**SP Puma 28-40 GM4100AC trolley-F**

■ Wagner piston pump 28-40 NPS	367161
■ Filter-pressure regulator AirCoat cpl.	367103
■ HP-Filter-3/8"-1.4305-valve CS	367187
■ HP-Filter Recirculation pipe	367175
■ AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T	367188
■ GM 4100AC 25MPa NPSM1/4"	2309706
■ nozzle ACF3000 13/40	394012
■ Flex suction hose DN25-M36x2-E90°	379413
■ Stand WildCat/Puma	367140
■ Wheelkit for 367021&368021	367021
■ Air cap LV plus (red / GM 4x00AC)	367022
	2313494

SP Puma 28-40 GM4600AC trolley-F

■ Wagner piston pump 28-40 NPS	367162
■ Filter-pressure regulator AirCoat cpl.	367103
■ HP-Filter-3/8"-1.4305-valve CS	367187
■ HP-Filter Recirculation pipe	367175
■ AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T	367188
■ nozzle ACF3000 13/40	2309706
■ Flex suction hose DN25-M36x2-E90°	394012
■ Stand WildCat/Puma	379413
■ Wheelkit for 367021&368021	367140
■ GM 4600AC 25MPa NPSM1/4"	367021
■ Air cap LV plus (red / GM 4x00AC)	367022
	2313494

SP Puma 28-40 AL trolley-F

■ Wagner piston pump 28-40 NPS	367169
■ HP-Filter-3/8"-1.4305-valve CS	367103
■ HP-Filter Recirculation pipe	367187
■ Flex suction hose DN25-M36x2-E90°	367175
■ Stand WildCat/Puma	367188
■ Wheelkit for 367021&368021	367140
	367021
	367022

SP Puma 28-40 AL wall-F

■ Wagner piston pump 28-40 NPS	367170
■ HP-Filter-3/8"-1.4305-valve CS	367103
■ HP-Filter Recirculation pipe	367187
■ Flex suction hose DN25-M36x2-E90°	367175
■ Wall bracket Wildcat/Puma/Cobra	367188
	367140
	367020

Feeding

Mixing

Applying

Control

Moving

Booths

Puma 28-40


SP Puma 28-40 AquaCoat GM2900EACW	363021
■ AquaCoat with VM 2900W	353040
■ Spray gun GM 2900EACW-F (7.5m)	363960
■ Wagner piston pump 28-40 NPS	367103
■ Filter relief valve combination	367025
■ nozzle ACF-Brillant 11/40	148411
SP Puma 28-40 HSA GM4600 AC trolley-F	367116
■ GM 4600AC 25MPa NPSM1/4"	2303491
■ Wagner piston pump 28-40 NPS	367103
■ Stand WildCat/Puma	367021
■ Wheelkit for 367021&368021	367022
■ Flex suction hose DN25-M36x2-E90°	367140
■ HSA-Materialheater A32 Ex 1-circuit	65021
■ nozzle ACF3000 13/40	379413
■ AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T	2309706
■ Filter-pressure regulator AirCoat cpl.	367187
■ HP-Filter-3/8"-1.4305-valve CS	367175
■ HP-Filter Recirculation pipe	367188
■ Air cap LV plus (red / GM 4x00AC)	2313494
SP Puma 28-40 HSA AL wall-F	367117
■ Wagner piston pump 28-40 NPS	367103
■ Wall bracket Wildcat/Puma/Cobra	367020
■ HP-Filter Recirculation pipe	367188
■ Flex suction hose DN25-M36x2-E90°	367140
■ HSA-Materialheater A32 Ex 1-circuit	65021
■ HP-Filter-3/8"-1.4305-valve CS	367175
SP Puma 28-40 HSA G15AL trolley-F	367118
■ Wagner piston pump 28-40 NPS	367103
■ Stand WildCat/Puma	367021
■ Wheelkit for 367021&368021	367022
■ Flex suction hose DN25-M36x2-E90°	367140
■ HSA-Materialheater A32 Ex 1-circuit	65021
■ HP-Filter-3/8"-1.4305-valve CS	367175
■ HP-Filter Recirculation pipe	367188
■ HP-Hose-DN4-PN270-1/4"NPS-7,5m-PA	9984573
■ Nozzle Wagner Profi Tip HP 413	1006413
■ Gun G-15H NPS1/4	347021

Feeding

Mixing

Applying

Control

Moving

Booths



Puma 28-40

Spray pack Puma 28-40 AC/4-leg

■ Wagner piston pump 28-40 NPS	367164
■ Filter-pressure regulator AirCoat cpl.	367103
■ FRC-Filter release combination	367187
■ FRC Recirculation pipe	367135
■ Suction system 352	115858
■ AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T	367986
■ nozzle ACF3000 13/40	2309706
■ Stand Wildcat/Puma 4-leg	379413
■ GM 4600AC 25MPa NPSM1/4"	367023
■ Air cap LV plus (red / GM 4x00AC)	394014
	2313494

Feeding

Mixing

Applying

Moving

Booths

Puma 15-70

PRODUCT DESCRIPTION

- High pressure piston pump, stainless steel, for AirCoat applications up to 120 bar and 4 L/min. Ideal, for example, for industrial coating in the wood and metals industries.

ATEX CLASSIFICATION

- II 2 G IIB T3

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Hard chrome
- Teflon
- Packing material depending on pump type

TECHNICAL DATA

Pump ratio	15 :1
Max. material pressure at pump inlet	2,0 MPa, 20 bar, 290 PSI
Material inlet	M 36x2
Material outlet, inner thread	G 3/8"
Material temperature	5 - 80 °C, 41.0 - 176.0 °F
Air inlet pressure	0,3 - 0,8 MPa, 2,5 - 8,0 bar, 36 - 116 PSI
Air inlet	G 1/2"
Operating pressure	12,0 MPa, 120 bar, 1740 PSI
Max. stroke rate	60 DS/min
Volumetric flow per 60 DS	4.2 l/min
Volumetric flow with free drainage	35 l/min, 1,2 cfm
Valve seat material	Tungsten carbide
Volumetric flow per double stroke	70 cm ³ /DS, 4,27 in ³ /DH
Ambient temperature	5 - 60 °C, 41 - 140 °F
Weight	18,0 kg, 39.7 lb
Max. sound level	77 dB(A)
Sound level at 6bar air pressure	74 dB(A)
Material pH	3,5 - 9,0 pH
Allowable inclination	±10 °
Min. air inlet Ø	9 mm, 0.4 in

INCLUDED ITEMS

- Pump, incl. air pressure regulator
- Release agent bottle 250 cm³
- Adapter for M 36x2 suction connection
- Adapter, material outlet 3/8" NPSM
- Adapter for 1/4" NPSM
- Tool set
- User manual
- CE declaration of conformity

ORDERING INFORMATION

- With the aid of the configuration table, the pump can be individually configured with a holder, suction system, material filter, hose and spray gun, according to your requirements.
- Also available is a variety of ready-to-use spraypacks.



BASIC UNITS

Packing type	Valve seat material	Valve tappet	Description	Item no.
PE / TG	Tungsten carbide	No	Wagner piston pump 15-70 NPS	367106
PE/T	Tungsten carbide	No	Wagner piston pump 15-70 NPS	367107

ORDERING INFORMATION

Description	Art.-No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338</th
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Puma 15-70**SERVICE SETS**

Service kit airmotor 4"	367995
Service Set Fluidsec. 70/150 ccm PE+TG	368990
Service kit pump PP70 and 150 ccm PE+T	368994

Feeding

Mixing

Applying

Control

Moving

Booths

**Puma 15-150****TECHNICAL DATA**

Pump ratio	15 :1
Max. material pressure at pump inlet	2,0 MPa, 20 bar, 290 PSI
Material inlet	M 36x2
Material outlet, inner thread	G 3/8"
Material temperature	5 - 80 °C, 41.0 - 176.0 °F
Air inlet pressure	0,3 - 0,8 MPa, 2,5 - 8,0 bar, 36 - 116 PSI
Air inlet	G 1/2"
Operating pressure	12,0 MPa, 120 bar, 1740 PSI
Max. stroke rate	60 DS/min
Volumetric flow per 60 DS	9 l/min
Volumetric flow with free drainage	35 l/min, 1,2 cfm
Valve seat material	Tungsten carbide
Volumetric flow per double stroke	150 cm ³ /DS, 9,15 in ³ /DH
Ambient temperature	5 - 60 °C, 41 - 140 °F
Weight	28,0 kg, 61.7 lb
Max. sound level	78 dB(A)
Sound level at 6bar air pressure	77 dB(A)
Material pH	3,5 - 9,0 pH
Allowable inclination	±10 °
Min. air inlet Ø	9 mm, 0.4 in

PRODUCT DESCRIPTION

- High pressure piston pump, stainless steel, for AirCoat applications up to 120 bar and 9 L/min. Ideal, for example, for industrial coating in the wood and metals industries and the use of multiple guns

ATEX CLASSIFICATION

- II 2 G IIB T3

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Hard chrome
- Teflon
- Packing material depending on pump type

INCLUDED ITEMS

- Pump, incl. air pressure regulator
- Release agent bottle 250 cm³
- Adapter for M 36x2 suction connection
- Adapter, material outlet 3/8" NPSM
- Adapter for 1/4" NPSM
- Tool set
- User manual
- CE declaration of conformity

ORDERING INFORMATION

- With the aid of the configuration table, the pump can be individually configured with a holder, suction system, material filter, hose and spray gun, according to your requirements.
- Also available is a variety of ready-to-use spraypacks.

Feeding

Mixing

Applying

Control

Moving

Booths



High pressure piston pump IceBreaker

Puma 15-150



BASIC UNITS

Packing type	Valve seat material	Valve tappet	Description	Item no.
PE / TG	Tungsten carbide	No	Wagner piston pump Puma 15-150 NPS	368114
PE/T	Tungsten carbide	No	Wagner piston pump Puma 15-150 NPS	368115

ORDERING INFORMATION



Puma 15-150

SERVICE SETS

Service kit airmotor 4"	367995
Service Set Fluidsec. 70/150 ccm PE+TG	368990
Service kit pump PP70 and 150 ccm PE+T	368994

Feeding

Mixing

Applying

Control

Moving

Booths

Leopard 35-70

PRODUCT DESCRIPTION

- High pressure piston pump, stainless steel, for Airless and AirCoat applications up to 250 bar and 4 L/min. Ideal, for example, for industrial coating in the wood and metals industries.

ATEX CLASSIFICATION

- II 2 G IIB T3

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Hard chrome
- Teflon
- Packing material depending on pump type

TECHNICAL DATA

Pump ratio	35 :1
Max. material pressure at pump inlet	2,0 MPa, 20 bar, 290 PSI
Material inlet	M 36x2
Material outlet, inner thread	G 3/8"
Material temperature	5 - 80 °C, 41.0 - 176.0 °F
Air inlet pressure	0,3 - 0,7 MPa, 2,5 - 7,1 bar, 36 - 103 PSI
Air inlet	G 1/2"
Operating pressure	25,0 MPa, 250 bar, 3626 PSI
Max. stroke rate	60 DS/min
Volumetric flow per 60 DS	4.2 l/min
Volumetric flow with free drainage	35 l/min, 1,2 cfm
Valve seat material	Tungsten carbide
Volumetric flow per double stroke	70 cm ³ /DS, 4,27 in ³ /DH
Ambient temperature	5 - 60 °C, 41 - 140 °F
Weight	26,0 kg, 57.3 lb
Max. sound level	77 dB(A)
Sound level at 6bar air pressure	74 dB(A)
Material pH	3,5 - 9,0 pH
Allowable inclination	±10 °
Min. air inlet Ø	13 mm, 0.5 in

INCLUDED ITEMS

- Pump, incl. air pressure regulator
- Release agent bottle 250 cm³
- Adapter for M 36x2 suction connection
- Adapter, material outlet 3/8" NPSM
- Adapter for 1/4" NPSM
- Tool set
- User manual
- CE declaration of conformity

ORDERING INFORMATION

- With the aid of the configuration table, the pump can be individually configured with a holder, suction system, material filter, hose and spray gun, according to your requirements.
- Also available is a variety of ready-to-use sprayspacks.



Leopard 35-70

BASIC UNITS

Packing type	Valve seat material	Valve tappet	Description	Item no.
PE / TG	Tungsten carbide	No	Wagner piston pump Leoard 35-70 NPS	368103
PE/T	Tungsten carbide	No	Wagner piston pump Leopard 35-70 NPS	368105
PE / TG	Tungsten carbide	Yes	Wagner piston pump Leoard 35-70 NPS with	368123
PE/T	Tungsten carbide	Yes	Piston pump Leopard 35-70 with ram NPS	368125

Feeding

Mixing

Applying

Control

Moving

Booths



Leopard 35-70

ORDERING INFORMATION

SERVICE SETS

Service Set Fluidsec. 70/150 ccm PE+TG	368990
Service kit pump PP70 and 150 ccm PE+T	368994
Service kit airmotor 6"	368995



Leopard 35-70

SPRAYPACKS

Spray pack Leopard 35-70 AC/cart

■ Wagner piston pump Leoard 35-70 NPS	368161
■ Filter-pressure regulator AirCoat cpl.	368103
■ HP-Filter-3/8"-1.4305-valve CS	367187
■ HP-Filter Recirculation pipe	367175
■ Flex suction hose DN25-M36x2-E90°	367188
■ AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T	367140
■ GM 4100AC 25MPa NPSM1/4"	2309706
■ nozzle ACF3000 13/40	394012
■ Wheelkit for 367021&368021	379413
■ Stand Leopard	367022
■ Air cap LV plus (red / GM 4x00AC)	368021
	2313494

Spray pack Leopard 35-70 AC/cart

■ Wagner piston pump Leoard 35-70 NPS	368162
■ Filter-pressure regulator AirCoat cpl.	368103
■ HP-Filter-3/8"-1.4305-valve CS	367187
■ HP-Filter Recirculation pipe	367175
■ Flex suction hose DN25-M36x2-E90°	367188
■ AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T	367140
■ nozzle ACF3000 13/40	2309706
■ Wheelkit for 367021&368021	394012
■ GM 4600AC 25MPa NPSM1/4"	379413
■ Stand Leopard	367022
■ Air cap LV plus (red / GM 4x00AC)	368021
	2313494

Spray pack Leopard 35-70 AL/cart cpl.

■ Wagner piston pump Leoard 35-70 NPS	368127
■ HP-Filter-3/8"-1.4305-valve CS	368103
■ HP-Filter Recirculation pipe	367175
■ Flex suction hose DN25-M36x2-E90°	367188
■ HP-Hose-DN6-PN270-1/4"NPS-10,0m-PA	367140
■ Gun AG-14 f-thread 11/16" NPS1/4"	9984418
■ Nozzle WagnerTip 413	257015
■ Wheelkit for 367021&368021	1088413
■ Stand Leopard	367022
	368021

Spray pack Leopard 35-70 AL/no gun

■ Wagner piston pump Leoard 35-70 NPS	368126
■ HP-Filter-3/8"-1.4305-valve CS	368103
■ HP-Filter Recirculation pipe	367175
■ Flex suction hose DN25-M36x2-E90°	367188
■ Wheelkit for 367021&368021	367140
■ Stand Leopard	367022
	368021

Feeding

Mixing

Applying

Moving

Booths

Leopard 35-70


Spray pack Leopard 35-70 AL wall no gun	368124
■ Wagner piston pump Leoard 35-70 NPS	368103
■ HP-Filter-3/8"-1.4305-valve CS	367175
■ HP-Filter Recirculation pipe	367188
■ Flex suction hose DN25-M36x2-E90°	367140
■ Wall bracket for Leopard	368020
HSA 35-70 leopard AC	368164
■ Wagner piston pump Leoard 35-70 NPS	368103
■ Stand Leopard	368021
■ Wheelkit for 367021&368021	367022
■ HSA-Materialheater A32 Ex 1-circuit	65021
■ GM 4600AC 25MPa NPSM1/4"	2303491
■ nozzle ACF3000 13/40	379413
■ Filter-pressure regulator AirCoat cpl.	367187
■ Flex suction hose DN25-M36x2-E90°	367140
■ HP-Filter-3/8"-1.4305-valve CS	367175
■ AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T	2309706
■ Air cap LV plus (red / GM 4x00AC)	2313494
HSA 35-70 leopard al/wall	368131
■ HSA-Materialheater A32 Ex 1-circuit	65021
■ Wagner piston pump Leoard 35-70 NPS	368103
■ Wall bracket for Leopard	368020
■ HP-Filter-3/8"-1.4305-valve CS	367175
■ Flex suction hose DN25-M36x2-E90°	367140
HSA 35-70 leopard AL	368132
■ HSA-Materialheater A32 Ex 1-circuit	65021
■ HP-Hose-DN4-PN270-1/4"NPS-7,5m-PA	9984573
■ Nozzle Wagner Profi Tip HP 413	1006413
■ Wagner piston pump Leoard 35-70 NPS	368103
■ Stand Leopard	368021
■ Wheelkit for 367021&368021	367022
■ HP-Filter-3/8"-1.4305-valve CS	367175
■ HP-Filter Recirculation pipe	367188
■ Flex suction hose DN25-M36x2-E90°	367140
■ Gun G-15H NPS1/4	347021

Feeding

Mixing

Applying

Control

Moving

Booths



Leopard 35-150



TECHNICAL DATA

Pump ratio	35 :1
Max. material pressure at pump inlet	2,0 MPa, 20 bar, 290 PSI
Material inlet	M 36x2
Material outlet, inner thread	G 3/8"
Material temperature	5 - 80 °C, 41.0 - 176.0 °F
Air inlet pressure	0,3 - 0,8 MPa, 2,5 - 7,7 bar, 36 - 112 PSI
Air inlet	G 1/2"
Operating pressure	27,0 MPa, 270 bar, 3916 PSI
Max. stroke rate	60 DS/min
Volumetric flow per 60 DS	9 l/min
Volumetric flow with free drainage	35 l/min, 1,2 cfm
Valve seat material	Tungsten carbide
Volumetric flow per double stroke	150 cm ³ /DS, 9,15 in ³ /DH
Ambient temperature	5 - 60 °C, 41 - 140 °F
Weight	36,0 kg, 79.4 lb
Max. sound level	78 dB(A)
Sound level at 6bar air pressure	78 dB(A)
Material pH	3,5 - 9,0 pH
Allowable inclination	±10 °
Min. air inlet Ø	13 mm, 0.5 in

PRODUCT DESCRIPTION

- High pressure piston pump, stainless steel, for Airless and AirCoat applications up to 250 bar and 9 L/min. Ideal, for example, for industrial coating in the wood and metals industries and the use of multiple guns

ATEX CLASSIFICATION

- II 2 G IIB T3

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Hard chrome
- Teflon
- Packing material depending on pump type

INCLUDED ITEMS

- Pump, incl. air pressure regulator
- Release agent bottle 250 cm³
- Adapter for M 36x2 suction connection
- Adapter, material outlet 3/8" NPSM
- Adapter for 1/4" NPSM
- Tool set
- User manual
- CE declaration of conformity

ORDERING INFORMATION

- With the aid of the configuration table, the pump can be individually configured with a holder, suction system, material filter, hose and spray gun, according to your requirements.
- Also available is a variety of ready-to-use spraypacks.

Feeding

Mixing

Applying

Control

Moving

Booths



Leopard 35-150

BASIC UNITS

Packing type	Valve seat material	Valve tappet	Description	Item no.
PE / TG	Tungsten carbide	No	Wagner piston pump Leopard 35-150 NPS	368106
PE/T	Tungsten carbide	No	Wagner piston pump Leopard 35-150 NPS	368107
PE/L	Tungsten carbide	No	Wagner piston pump Leopard 35-150 NPS	368109

ORDERING INFORMATION



Leopard 35-150

SERVICE SETS

Service Set Fluidsec. 70/150 ccm PE+TG	368990
Service kit pump PP70 and 150 ccm PE+T	368994
Service kit airmotor 6"	368995

SPRAYPACKS

Spray pack Leopard 35-150 AL/cart cpl.

■ Wagner piston pump Leopard 35-150 NPS	368128
■ HP-Filter-3/8"-1.4305-valve CS	368106
■ HP-Filter Recirculation pipe	367175
■ Flex suction hose DN25-M36x2-E90°	367188
■ Gun AG-14 f-thread 11/16" NPS1/4"	367140
■ HP-Hose-DN6-PN270-1/4"NPS-10,0m-PA	257015
■ Nozzle WagnerTip 413	9984418
■ Trolley heavy duty Leopard/Jaguar	1088413
	369024

Spray pack Leopard 35-150 AL/cart no gun

■ Wagner piston pump Leopard 35-150 NPS	368129
■ HP-Filter-3/8"-1.4305-valve CS	368106
■ HP-Filter Recirculation pipe	367175
■ Flex suction hose DN25-M36x2-E90°	367188
■ Trolley heavy duty Leopard/Jaguar	367140
	369024

Feeding

Mixing

Applying

Control

Moving

Booths

Leopard 48-110

PRODUCT DESCRIPTION

- High pressure piston pump, stainless steel, for Airless applications up to 380 bar and 6.6 L/min. Ideal, for example, for industrial coating in the wood and metals industries.

ATEX CLASSIFICATION

- II 2 G IIB T3

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Hard chrome
- Teflon
- Packing material depending on pump type

TECHNICAL DATA

Pump ratio	48 :1
Max. material pressure at pump inlet	2,0 MPa, 20 bar, 290 PSI
Material inlet	M 36x2
Material outlet, inner thread	G 3/8"
Material temperature	5 - 80 °C, 41.0 - 176.0 °F
Air inlet pressure	0,3 - 0,8 MPa, 2,5 - 7,7 bar, 36 - 112 PSI
Air inlet	G 1/2"
Operating pressure	37,0 MPa, 370 bar, 5366 PSI
Max. stroke rate	60 DS/min
Volumetric flow per 60 DS	6.6 l/min
Volumetric flow with free drainage	25 l/min, 0,9 cfm
Valve seat material	Tungsten carbide
Packing type	PE / TG
Volumetric flow per double stroke	110 cm ³ /DS, 6,71 in ³ /DH
Ambient temperature	5 - 60 °C, 41 - 140 °F
Weight	36,0 kg, 79.4 lb
Max. sound level	78 dB(A)
Sound level at 6bar air pressure	78 dB(A)
Material pH	3,5 - 9,0 pH
Allowable inclination	±10 °
Min. air inlet Ø	13 mm, 0.5 in

INCLUDED ITEMS

- Pump, incl. air pressure regulator
- Release agent bottle 250 cm³
- Adapter for M 36x2 suction connection
- Adapter, material outlet 3/8" NPSM
- Adapter for 1/4" NPSM
- Tool set
- User manual
- CE declaration of conformity

ORDERING INFORMATION

- With the aid of the configuration table, the pump can be individually configured with a holder, suction system, material filter, hose and spray gun, according to your requirements.
- Also available is a variety of ready-to-use spraypacks.



Leopard 48-110

BASIC UNITS

Packing type	Valve seat material	Valve tappet	Description	Item no.
PE / TG	Tungsten carbide	No	Wagner piston pump Leopard 48-110 PE/TG	368023
PE/T	Tungsten carbide	No	Piston pump Leopard 48-110 PE/T	368024
PE/L	Tungsten carbide	No	Piston pump Leopard 48-110 PE/L	368025

ORDERING INFORMATION

Description	Art.-No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334
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Leopard 48-110

SPRAYPACKS

SP Leopard 48-110 G15AL cart

■ Wagner piston pump Leopard 48-110 PE/TG	368133
■ Trolley heavy duty Leopard/Jaguar	368023
■ HP-Filter Recirculation pipe	369024
■ HP-Filter-3/8"-1.4305-valve CS	367188
■ Flex suction hose DN25-M36x2-E90°	367175
■ Airless gun G 15 with Profi Tip HD	367140
■ HP-Hose-DN6-PN530-1/4"NPS-10,0m-PA	347012
■ Nozzle Wagner Profi Tip HP 415	9984421
	1006415

Spraypack Leopard 48-110 PE/TG cart

■ Wagner piston pump Leopard 48-110 PE/TG	2301985
■ Trolley heavy duty Leopard/Jaguar	368023
■ Flex suction hose DN25-M36x2-E90°	369024
■ HP-Filter-3/8"-1.4305-valve CS	367140
■ HP-Filter Recirculation pipe	367175
	367188

Feeding

Mixing

Applying

Control

Moving

Booths



Leopard 18-300



TECHNICAL DATA

Pump ratio	18 :1
Max. material pressure at pump inlet	2,0 MPa, 20 bar, 290 PSI
Material inlet	M 36x2
Material outlet, inner thread	G 1 1/2"
Material temperature	5 - 80 °C, 41.0 - 176.0 °F
Air inlet pressure	0,3 - 0,8 MPa, 2,5 - 7,7 bar, 36 - 112 PSI
Air inlet	G 1/2"
Operating pressure	13,8 MPa, 138 bar, 2002 PSI
Max. stroke rate	60 DS/min
Volumetric flow per 60 DS	18 l/min
Volumetric flow with free drainage	50 l/min, 1,8 cfm
Valve seat material	Tungsten carbide
Volumetric flow per double stroke	300 cm ³ /DS, 18,31 in ³ /DH
Ambient temperature	5 - 60 °C, 41 - 140 °F
Weight	40,0 kg, 88.2 lb
Max. sound level	81 dB(A)
Sound level at 6bar air pressure	78 dB(A)
Material pH	3,5 - 9,0 pH
Allowable inclination	±10 °
Min. air inlet Ø	13 mm, 0.5 in

PRODUCT DESCRIPTION

- High pressure piston pump, stainless steel, for AirCoat applications up to 140 bar and 18 L/min. Ideal, for example, for industrial coating in the metals and plastics industries and the use of multiple guns in fully automated paint systems.

ATEX CLASSIFICATION

- II 2 G IIB T3

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Hard chrome
- Teflon
- Packing material depending on pump type

INCLUDED ITEMS

- Pump, incl. air pressure regulator
- Release agent bottle 250 cm³
- Adapter for M 36x2 suction connection
- Adapter, material outlet 3/8" NPSM
- Adapter for 1/4" NPSM
- Tool set
- User manual
- CE declaration of conformity

ORDERING INFORMATION

- With the aid of the configuration table, the pump can be individually configured with a holder, suction system, material filter, hose and spray gun, according to your requirements.
- Also available is a variety of ready-to-use spraypacks.

Feeding

Mixing

Applying

Control

Moving

Booths

Leopard 18-300



BASIC UNITS

Packing type	Valve seat material	Valve tappet	Description	Item no.
PE / TG	Tungsten carbide	No	Wagner piston pump Leopard 18-300 PE/TG	368112
PE/T	Tungsten carbide	No	Wagner piston pump Leopard 18-300 PE/T	368116
PE/L	Tungsten carbide	No	Wagner piston pump Leopard 18-300 PE/L	368117

ORDERING INFORMATION

Description	Item no.
Spraypack Leopard 18-300	368093 -
Mounting	
w/o mounting	1
Wall	2
Trolley	3
Suction system	
w/o suction system	1
ridgid (stainless steel)	2
flexible hose NW 1 1/2"	3
Material filter	
HP-filter (ball valve carbon steel)	1
HP-filter (ball valve stainless steel)	2
Return	
w/o return	1
return pipe	2
return hose	3
Package	
PE/TG	1
PE/T	2
PE/L	3

SERVICE SETS

Service kit airmotor 6"	368995
Service kit pump PP300 ccm PE/TG	369990
Service kit pump PP300 ccm PE/T	369964



Jaguar 75-150



TECHNICAL DATA

Pump ratio	75 :1
Max. material pressure at pump inlet	2,0 MPa, 20 bar, 290 PSI
Material inlet	M 36x2
Material outlet, inner thread	G 3/8"
Material temperature	5 - 80 °C, 41.0 - 176.0 °F
Air inlet pressure	0,3 - 0,7 MPa, 2,5 - 7,1 bar, 36 – 103 PSI
Air inlet	G 1"
Operating pressure	53,0 MPa, 530 bar, 7687 PSI
Max. stroke rate	60 DS/min
Volumetric flow per 60 DS	9 l/min
Volumetric flow with free drainage	30 l/min, 1,1 cfm
Valve seat material	Tungsten carbide
Volumetric flow per double stroke	150 cm ³ /DS, 9,15 in ³ /DH
Ambient temperature	5 – 60 °C, 41 – 140 °F
Weight	53,0 kg, 116.9 lb
Max. sound level	83 dB(A)
Sound level at 6bar air pressure	81 dB(A)
Material pH	3,5 – 9,0 pH
Allowable inclination	±10 °
Min. air inlet Ø	25 mm, 1.0 in

PRODUCT DESCRIPTION

- High pressure piston pump, stainless steel, for Airless applications up to 530 bar and 9 L/min. Ideal, for example, for thick coat corrosion protection.

ATEX CLASSIFICATION

- II 2 G IIB T3

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Hard chrome
- Teflon
- Packing material depending on pump type

INCLUDED ITEMS

- Pump, incl. air pressure regulator
- Release agent bottle 250 cm³
- Adapter for M 36x2 suction connection
- Adapter, material outlet 3/8" NPSM
- Adapter for 1/4" NPSM
- Tool set
- User manual
- CE declaration of conformity

ORDERING INFORMATION

- With the aid of the configuration table, the pump can be individually configured with a holder, suction system, material filter, hose and spray gun, according to your requirements.
- Also available is a variety of ready-to-use sprays.

Feeding

Mixing

Applying

Control

Moving

Booths

Jaguar 75-150



BASIC UNITS

Packing type	Valve seat material	Valve tappet	Description	Item no.
PE / TG	Tungsten carbide	No	Wagner piston pump Jaguar 75-150 PE/TG	369121
PE/L	Tungsten carbide	No	Wagner piston pump Jaguar 75-150 PE/L	369122
PE/T	Tungsten carbide	No	Wagner piston pump Jaguar 75-150 PE/T	369123

ORDERING INFORMATION

Description	Art.-No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Spraypack Jaguar 75-150	369091 -																		
Mounting																			
w/o mounting	1																		
wall	2																		
trolley	3																		
Suction system																			
w/o suction system	1																		
ridgid (stainless steel)	2																		
flexible hose NW 25	3																		
Material Filter																			
HP-filter (ball valve carbon steel)	1																		
HP-filter (ball valve stainless steel)	2																		
Return																			
w/o return	1																		
return pipe	2																		
return hose	3																		
Package																			
PE/TG	1																		
PE/T	2																		
PE/L	3																		
Gun																			
w/o gun	1																		
Airless - G 15 Standard Tip	4																		
Airless - G 15 Profi Tip HD	5																		
Airless - G 15 Wagner Tip	6																		
Nozzle																			
w/o nozzle	0	0	0																
e.g. nozzle 413	4	1	3																
e.g. nozzle 611	6	1	1																
Material Hose																			
w/o material hose	1																		
DN10 - 10m + DN6 - 1,5m	2																		

SERVICE SETS

Service Set Fluidsec. 70/150 ccm PE+TG	368990
Service kit pump PP70 and 150 ccm PE+T	368994
Service kit airmotor 9"	369987

**Jaguar 75-150****SPRAYPACKS****Spray pack Jaguar 75-150 AL/cart cpl.**

■ Wagner piston pump Jaguar 75-150 PE/TG	369142
■ HP-Filter-3/8"-1.4305-valve CS	369121
■ HP-Filter Recirculation pipe	367175
■ Flex suction hose DN25-M36x2-E90°	367188
■ HP-Hose-DN10-PN530-3/8"NPS-15,0m-PA	367140
■ HP-Hose-DN6-PN530-1/4"NPS-1,5m-PA	9987118
■ Nozzle Wagner Profi Tip HP 521	9987117
■ Trolley heavy duty Leopard/Jaguar	1006521
■ Fitting-DF-MM-3/8"NPS-1/4"NPS-PN530-SSt	369024
■ Airless gun G 15 with Profi Tip HD	367561
	347012

Spray pack Jaguar 75-150 AL wall no gun

■ Wagner piston pump Jaguar 75-150 PE/TG	369143
■ HP-Filter-3/8"-1.4305-valve CS	369121
■ HP-Filter Recirculation pipe	367175
■ Flex suction hose DN25-M36x2-E90°	367188
■ Wall bracket for Jaguar/Tiger	367140
	369020

Spray pack Jaguar 75-150 AL/cart cpl. no

■ Wagner piston pump Jaguar 75-150 PE/TG	369144
■ HP-Filter-3/8"-1.4305-valve CS	369121
■ HP-Filter Recirculation pipe	367175
■ Flex suction hose DN25-M36x2-E90°	367188
■ Trolley heavy duty Leopard/Jaguar	367140
	369024

Feeding

Mixing

Applying

Moving

Booths

Jaguar 38-300



PRODUCT DESCRIPTION

- High pressure piston pump, stainless steel, for Airless and AirCoat applications up to 270 bar and 18 L/min. Ideal, for example, for the use of multiple guns in automated paint systems with a large throughput.

ATEX CLASSIFICATION

- II 2 G IIB T3

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Hard chrome
- Teflon
- Packing material depending on pump type

TECHNICAL DATA

Pump ratio	38 :1
Max. material pressure at pump inlet	2,0 MPa, 20 bar, 290 PSI
Material inlet	M 36x2
Material outlet, inner thread	I-G 3/4"
Material temperature	5 - 80 °C, 41.0 - 176.0 °F
Air inlet pressure	0,3 - 0,7 MPa, 2,5 - 7,1 bar, 36 - 103 PSI
Air inlet	G 1"
Operating pressure	27,0 MPa, 270 bar, 3916 PSI
Max. stroke rate	60 DS/min
Volumetric flow per 60 DS	18 l/min
Volumetric flow with free drainage	45 l/min, 1,6 cfm
Valve seat material	Tungsten carbide
Volumetric flow per double stroke	300 cm ³ /DS, 18,31 in ³ /DH
Ambient temperature	5 - 60 °C, 41 - 140 °F
Weight	56,0 kg, 123.5 lb
Max. sound level	83 dB(A)
Sound level at 6bar air pressure	81 dB(A)
Material pH	3,5 - 9,0 pH
Allowable inclination	±10 °
Min. air inlet Ø	25 mm, 1.0 in

INCLUDED ITEMS

- Pump, incl. air pressure regulator
- Release agent bottle 250 cm³
- Adapter for M 36x2 suction connection
- Adapter, material outlet 3/8" NPSM
- Adapter for 1/4" NPSM
- Tool set
- User manual
- CE declaration of conformity

ORDERING INFORMATION

- With the aid of the configuration table, the pump can be individually configured with a holder, suction system, material filter, hose and spray gun, according to your requirements.
- Also available is a variety of ready-to-use sprayspacks.



Jaguar 38-300

BASIC UNITS

Packing type	Valve seat material	Valve tappet	Description	Item no.
PE / TG	Tungsten carbide	No	Wagner piston pump Jaguar 38-300 PE/TG	369125
PE/T	Tungsten carbide	No	Wagner piston pump Jaguar 38-300 PE/T	369124

ORDERING INFORMATION

Description	Art.-No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544</th
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Jaguar 38-300**SPRAYPACKS****spray pack Jaguar 38-300 AL/cart no gun**

■ Wagner piston pump Jaguar 38-300 PE/TG	369140
■ HP-Filter Recirculation pipe	369125
■ Flex suction hose DN25-M36x2-E90°	367188
■ HP-Filter-3/4"-1.4401-valve CS	367140
■ Trolley heavy duty Leopard/Jaguar	370160
	369024

Spraypack Jaguar 38-300 AL/wall no gun

■ Wagner piston pump Jaguar 38-300 PE/TG	369141
■ HP-Filter Recirculation pipe	369125
■ Flex suction hose DN25-M36x2-E90°	367188
■ HP-Filter-3/4"-1.4401-valve CS	367140
■ Wall bracket for Jaguar/Tiger	370160
	369020



Tiger 72-300



TECHNICAL DATA

Pump ratio	72 : 1
Max. material pressure at pump inlet	2,0 MPa, 20 bar, 290 PSI
Material inlet	G 1 1/2"
Material outlet, inner thread	G 3/4"
Material temperature	5 - 80 °C, 41.0 - 176.0 °F
Air inlet pressure	0,3 - 0,7 MPa, 2,5 - 7,4 bar, 36 - 107 PSI
Air inlet	G 1"
Operating pressure	53,0 MPa, 530 bar, 7687 PSI
Max. stroke rate	40 DS/min
Volumetric flow per 60 DS	12 l/min
Volumetric flow with free drainage	40 l/min, 1,4 cfm
Valve seat material	Tungsten carbide
Volumetric flow per double stroke	300 cm³/DS, 18,31 in³/DH
Ambient temperature	5 - 60 °C, 41 - 140 °F
Weight	80,0 kg, 176.4 lb
Max. sound level	82 dB(A)
Sound level at 6bar air pressure	80 dB(A)
Material pH	3,5 - 9,0 pH
Allowable inclination	±10 °
Min. air inlet Ø	25 mm, 1,0 in

PRODUCT DESCRIPTION

- High pressure piston pump, stainless steel, for Airless applications up to 530 bar and 12 L/min. Ideal, for example, for thick coat corrosion protection with a large quantity of applied material, and the use of multiple guns.

ATEX CLASSIFICATION

- II 2 G IIB T3

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Hard chrome
- Teflon
- Packing material depending on pump type

INCLUDED ITEMS

- Pump, incl. air pressure regulator
- Adapter for M 36x2 suction connection
- Adapter, material outlet 3/8" NPSM
- Adapter for 1/4" NPSM and M16x2 hose connection
- Release agent bottle 250 cm³
- Tool set
- User manual
- CE declaration of conformity

Feeding

Mixing

Applying

Control

Moving

Booths

Tiger 72-300



ORDERING INFORMATION

- If a ready-to-use spraypack is not selected, the following accessory components need to be added to the basic device:
 - Suction hose
 - Material filter and return line
 - Gun and material hose
 - Wall mount or trolley

BASIC UNITS

Packing type	Valve seat material	Valve tappet	Description	Item no.
PE/L	Tungsten carbide	No	Wagner piston pump Tiger 72-300 PE/L	370102
PE/T	Tungsten carbide	No	Wagner piston pump Tiger 72-300 PE/T	370103
PE / TG	Tungsten carbide	No	Wagner piston pump Tiger 72-300 PE/TG	370104

SERVICE SETS

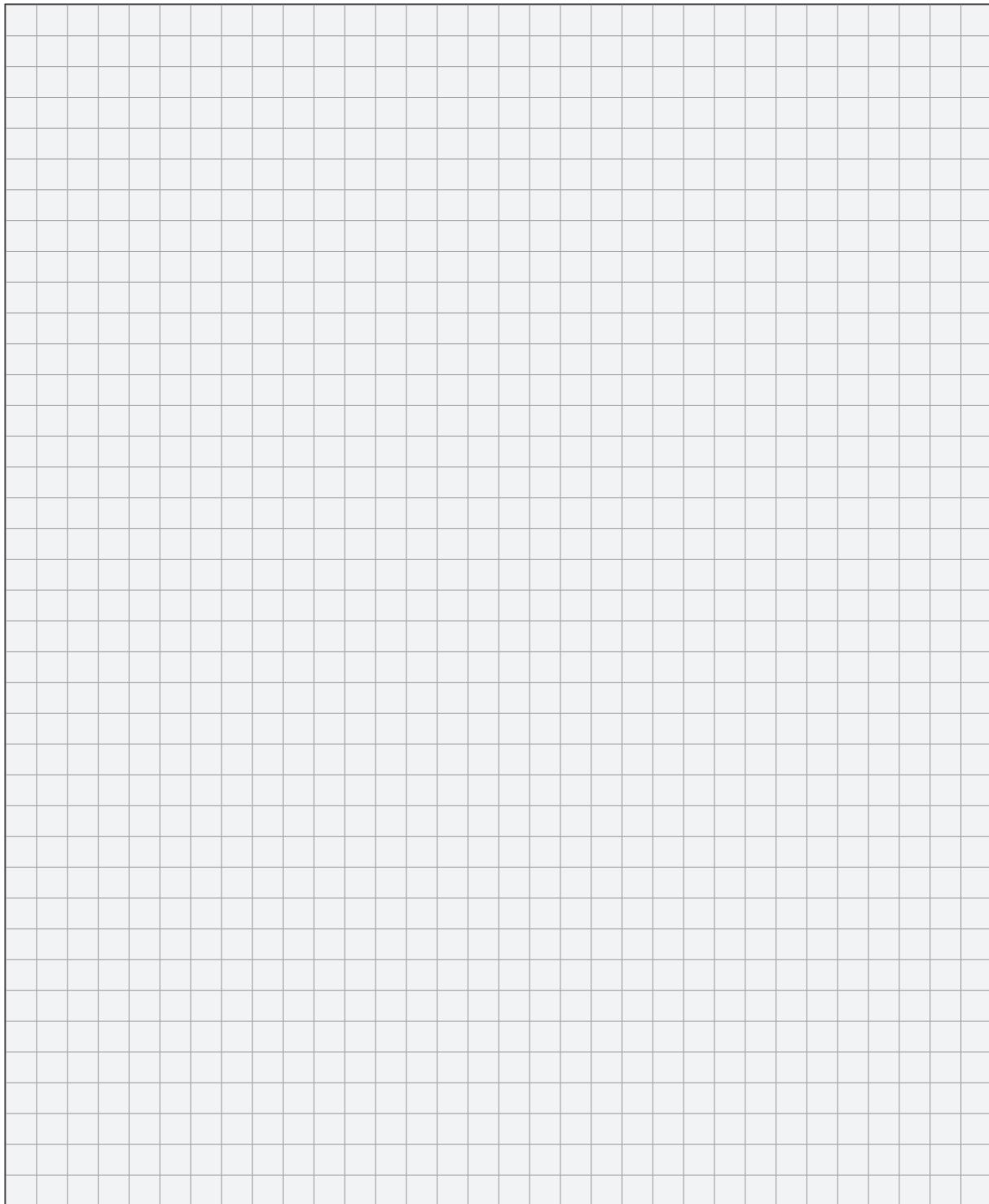
Service kit airmotor 12	370987
Service kit pump PP300 ccm PE/TG	369990
Service kit pump PP300 ccm PE/L	370989

SPRAYPACKS

Spray pack Tiger 72-300 AL/cart cpl.

- | | |
|---|---------------|
| ■ Wagner piston pump Tiger 72-300 PE/L | 370150 |
| ■ HP-Filter-3/4"-1.4401-valve CS | 370102 |
| ■ HP-Filter Recirculation pipe | 370160 |
| ■ HP-Hose-DN10-PN530-3/8"NPS-15,0m-PA | 367188 |
| ■ HP-Hose-DN6-PN530-1/4"NPS-1,5m-PA | 9987118 |
| ■ Nozzle Wagner Profi Tip HP 521 | 9987117 |
| ■ Flex suction hose DN38-G1½""-E90° | 1006521 |
| ■ Elbow connection DN38 G1½"" E90° | 369959 |
| ■ Trolley heavy duty Leopard/Jaguar | 118232 |
| ■ Fitting-DF-MM-3/8"NPS-1/4"NPS-PN530-SSt | 369024 |
| ■ Airless gun G 15 with Profi Tip HD | 367561 |
| | 347012 |

Notes



Feeding

Mixing

Applying

Control

Moving

Booths

High pressure piston pump IceBreaker - Accessories

Feeding

Mixing

Applying

Control

Moving

Booths



High pressure piston pump IceBreaker - Accessories

	Wildcat 18-40	Wildcat 10-70	Puma 28-40	Puma 15-70
1 Mounting equipment				
Wall bracket Wildcat/Puma/Cobra	367020	367020	367020	367020
Stand Wildcat/Puma 4-leg	367023	367021	367021	367021
Stand WildCat/Puma	367021	-	-	-
Wheelkit for 367021&368021	367022	367022	367022	367022
2 Air supply				
Filter-pressure regulator AirCoat cpl.	367187	367187	367187	367187
3 Suction system				
Suction system 352	367986	367986	367986	367986
Flex suction hose DN13-M36x2-S	97073	97073	97073	97073
Filter M15x1	250244	250244	250244	250244
Flex suction hose DN25-M36x2-E90°	367140	367140	367140	367140
Hopper 5L -WildCat-Puma	367045	367045	367045	367045
4 Material filter				
FRC-Filter release combination	367135	367135	367135	367135
HP-Filter-3/8"-1.4305-valve CS	367175	367175	367175	367175
HP-Filter-3/8"-1.4305-valve SSt	367178	367178	367178	367178
5 Return line				
FRC Recirculation pipe	115858	115858	115858	115858
HP-Filter Recirculation pipe	367188	367188	367188	367188
HP-Filter Recirculation hose	367141	367141	367141	367141
6 AirCoat hose pack				
AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T	2309706	2309706	2309706	2309706
AC-Hose-DN3-PN270-1/4"NPS-10,0m-PA-T	9984596	9984596	9984596	9984596
AC-hose-DN4-PN270-1/4"NPS-20,0m-PA-T	2309635	2309635	2309635	2309635
AC-Hose-DN4-PN270-1/4"NPS-10,0m-PA-T	2302379	2302379	2302379	2302379
AC-hose-DN4-PN270-1/4"NPS-15,0m-PA-T	2309634	2309634	2309634	2309634
AC-hose-DN3-PN270-1/4"NPS-7,5m-PA-T	2309705	2309705	2309705	2309705
7 Airless material hose				
HP-Hose-DN3-PN270-1/4"NPS-7,5m-PA	9984583	-	9984583	9984583
HP-Hose-DN4-PN270-1/4"NPS-7,5m-PA	9984573	-	9984573	9984573
HP-hose-DN4-PN270-1/4"NPSM-10m-PA	9984573-10	-	9984573-10	9984573-10
HP-Hose-DN4-PN270-1/4"NPS-15,0m-PA	9984573-15	-	9984573-15	9984573-15
HP-Hose-DN4-PN270-1/4"NPS-20,0m-PA	9984573-20	-	9984573-20	9984573-20
HP-Hose-DN6-PN270-1/4"NPS-10,0m-PA	9984418	-	9984418	9984418

Feeding

Mixing

Applying

Control

Moving

Booths

High pressure piston pump IceBreaker - Accessories

		Puma 15-150	Leopard 35-70	Leopard 35-150	Leopard 48-110
1	Mounting equipment				
	Wall bracket Wildcat/Puma/Cobra	367020	368020	368020	368020
	Stand Wildcat/Puma 4-leg	367023	368021	-	-
	Stand WildCat/Puma	367021	-	-	-
	Wheelkit for 367021&368021	367022	367022	-	-
	Trolley heavy duty Leopard/Jaguar	-	369024	369024	369024
2	Air supply				
	Filter-pressure regulator AirCoat cpl.	367187	367187	367187	-
3	Suction system				
	Suction system 352	367986	367986	367986	367986
	Flex suction hose DN13-M36x2-S	97073	97073	-	-
	Filter M15x1	250244	250244	-	-
	Flex suction hose DN25-M36x2-E90°	367140	367140	367140	367140
	Hopper 5L -WildCat-Puma	-	367045	-	-
4	Material filter				
	FRC-Filter release combination	367135	367135	-	-
	HP-Filter-3/8"-1.4305-valve CS	367175	367175	367175	367175
	HP-Filter-3/8"-1.4305-valve SSt	367178	367178	367178	367178
5	Return line				
	FRC Recirculation pipe	115858	115858	-	-
	HP-Filter Recirculation pipe	367188	367188	367188	367188
	HP-Filter Recirculation hose	367141	367141	367141	367141
6	AirCoat hose pack				
	AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T	2309706	2309706	2309706	-
	AC-Hose-DN3-PN270-1/4"NPS-10,0m-PA-T	9984596	9984596	9984596	-
	AC-hose-DN4-PN270-1/4"NPS-20,0m-PA-T	2309635	2309635	2309635	-
	AC-Hose-DN4-PN270-1/4"NPS-10,0m-PA-T	2302379	2302379	2302379	-
	AC-hose-DN4-PN270-1/4"NPS-15,0m-PA-T	2309634	2309634	2309634	-
	AC-hose-DN3-PN270-1/4"NPS-7,5m-PA-T	2309705	2309705	2309705	-
7	Airless material hose				
	HP-Hose-DN3-PN270-1/4"NPS-7,5m-PA	9984583	9984583	-	-
	HP-Hose-DN4-PN270-1/4"NPS-7,5m-PA	9984573	9984573	9984573	-
	HP-hose-DN4-PN270-1/4"NPSM-10m-PA	9984573-10	9984573-10	9984573-10	-
	HP-Hose-DN4-PN270-1/4"NPS-15,0m-PA	9984573-15	9984573-15	9984573-15	-
	HP-Hose-DN4-PN270-1/4"NPS-20,0m-PA	9984573-20	9984573-20	9984573-20	-
	HP-Hose-DN6-PN270-1/4"NPS-10,0m-PA	9984418	9984418	9984418	-
	HP-Hose-DN6-PN530-1/4"NPS-10,0m-PA	-	-	9984421	9984421

Feeding

Mixing

Applying

Control

Moving

Booths

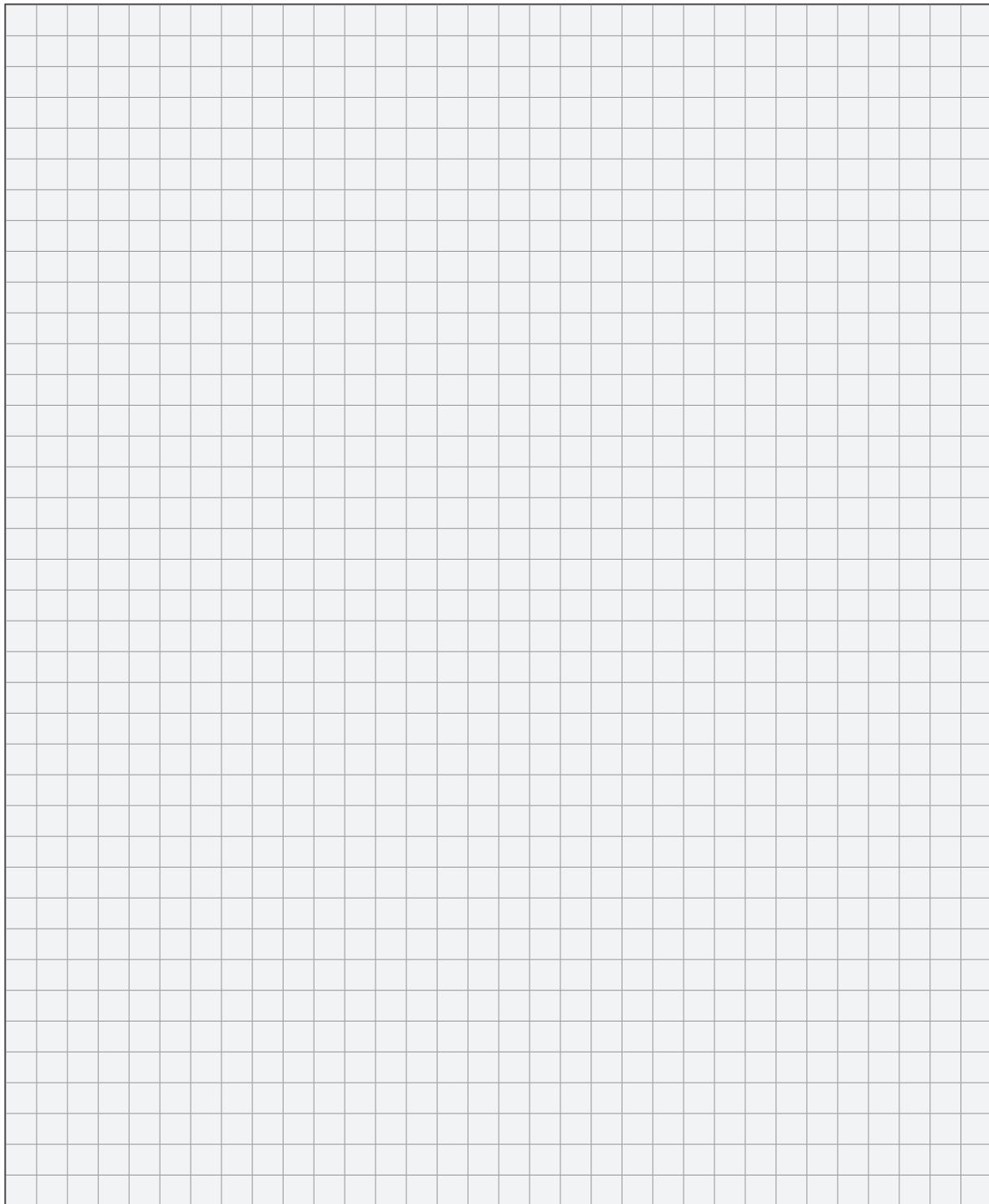
High pressure piston pump IceBreaker - Accessories

	Leopard 18-300	Jaguar 38-300	Jaguar 75-150
1 Mounting equipment			
Wall bracket for Leopard	368020	369020	369020
Trolley heavy duty Leopard/Jaguar	369024	369024	369024
2 Air supply			
Filter-pressure regulator AirCoat cpl.	367187	-	-
3 Suction system			
Suction system 352	367986	367986	367986
Flex suction hose DN25-M36x2-E90°	367140	367140	367140
4 Material filter			
HP-Filter-3/8"-1.4305-valve CS	367175	367175	367175
HP-Filter-3/8"-1.4305-valve SSt	367178	367178	367178
5 Return line			
HP-Filter Recirculation pipe	367188	367188	367188
HP-Filter Recirculation hose	367141	367141	367141
6 AirCoat hose pack			
AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T	2309706	-	-
AC-Hose-DN3-PN270-1/4"NPS-10,0m-PA-T	9984596	-	-
AC-hose-DN4-PN270-1/4"NPS-20,0m-PA-T	2309635	-	-
AC-Hose-DN4-PN270-1/4"NPS-10,0m-PA-T	2302379	-	-
AC-hose-DN4-PN270-1/4"NPS-15,0m-PA-T	2309634	-	-
AC-hose-DN3-PN270-1/4"NPS-7,5m-PA-T	2309705	-	-
7 Airless material hose			
HP-Hose-DN6-PN530-1/4"NPS-10,0m-PA	-	9984421	9984421

High pressure piston pump IceBreaker - Accessories

Tiger 72-300	
1	Mounting equipment
Wall bracket for Jaguar/Tiger	369020
Trolley heavy duty Leopard/Jaguar	369024
3	Suction system
SSt-suction pipe-G1½"-270-cpl.	370151
Flex suction hose DN25-M36x2-E90°	367140
Flex suction hose DN38-G1½"-E90°	369959
4	Material filter
HP-Filter-3/4"-1.4401-valve CS	370160
HP-Filter-3/4"-1.4401-valve SSt	370161
HP-Release-valve-G3/4"-PN530-SSt	370099
5	Return line
HP-Filter Recirculation pipe	367188
HP-Filter Recirculation hose	367141
7	Airless material hose
HP-Hose-DN10-PN530-3/8"NPS-15,0m-PA	9987118
Fitting-DF-MM-3/8"NPS-1/4"NPS-PN530-SSt	367561
HP-Hose-DN6-PN530-1/4"NPS-1,5m-PA	9987117

Notes



Feeding

Mixing

Applying

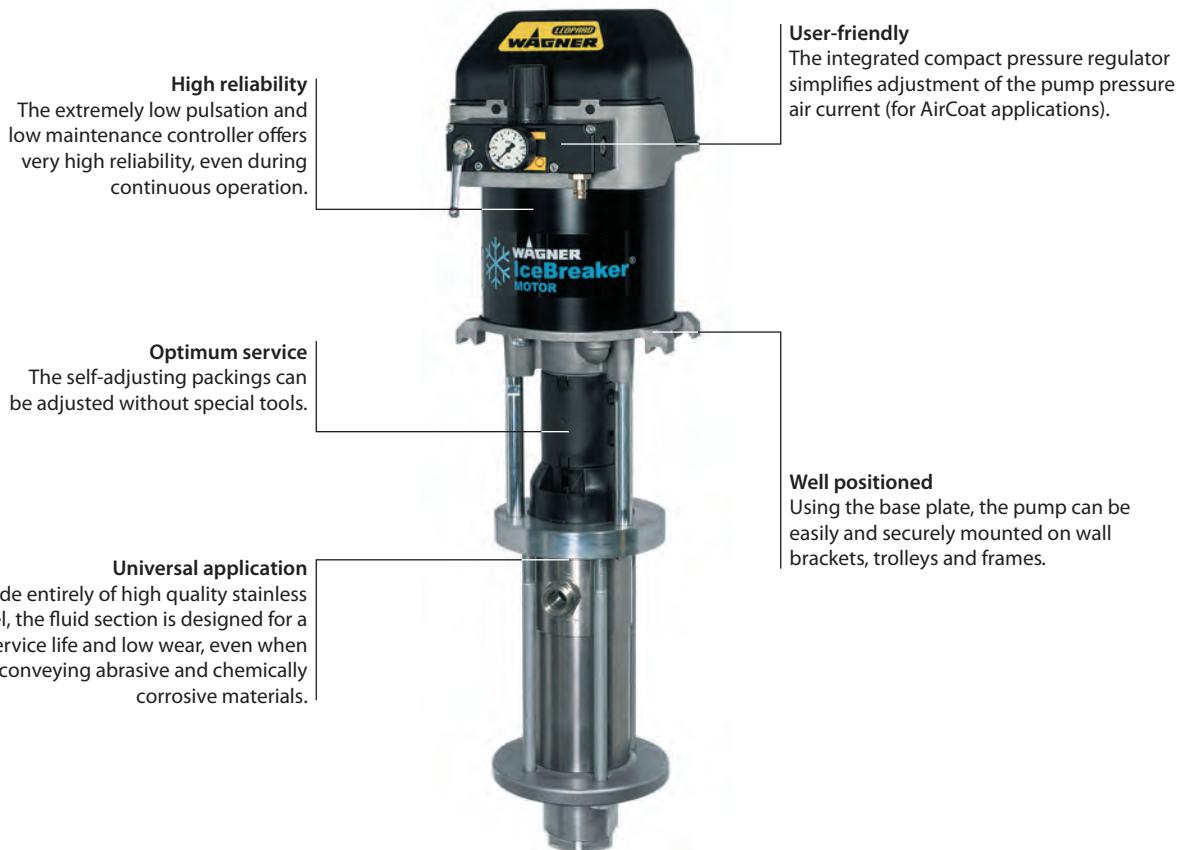
Control

Moving

Booths

Low pressure piston pumps IceBreaker

The WAGNER IceBreaker low pressure piston pumps are the ideal solution for reliable and low-maintenance paint supply systems of all sizes. The strong and energy-efficient air motors always have sufficient reserves even at large material flow rates and works entirely without icing – especially in continuous operation.



Selection chart low pressure piston pumps

The selection charts support you in finding the perfect IceBreaker pump for your coating requirements. If you have further questions, please contact your WAGNER specialist.

Low pressure piston pumps EvoMotion / IceBreaker

Material characteristics

	EvoMotion 5-60S	EvoMotion 5-125S	Puma 3-600	Leopard 4-1200	Puma 8-300	Leopard 8-600	Jaguar 9-1200
water based material	■	□	■	■	■	■	■
solvent based material	■	■	■	■	■	■	■
low-viscosity [<40 sec. DIN. No.4]	■	□	■	■	■	■	■
medium-viscosity [40...60 sec. DIN No.4]	□	□	□	■	■	■	■
high-viscosity [>60 sec. DIN No.4]	□	■	□	□	■	■	■
UV-sensitive material	■	■	■	■	■	■	■
shear sensitive material	□	□	□	□	□	□	□
moisture sensitive material	□	□	■	■	■	■	■

Basic Atomization

AirSpray	■	□	□	□	■	□	□
AirCoat 160 bar max.	□	□	□	□	□	□	□
AirCoat 250 bar max.	□	□	□	□	□	□	□
Airless 270 bar max.	□	□	□	□	□	□	□
Airless 400 bar max.	□	□	□	□	□	□	□
Airless 530 bar max.	□	□	□	□	□	□	□
fluid transfer & feeding system	■	■	■	■	■	■	■

Legend

- Extremely appropriate
- Very appropriate
- Not appropriate

EvoMotion 5-60S



INCLUDED ITEMS

- EvoMotion 5-60S
- Release agent 250 ccm
- CE declaration of conformity
- User manual

ORDERING INFORMATION

- The air regulator, suction system, material filter and mounting accessories must be selected from the accessories program in addition to the pump.

PRODUCT DESCRIPTION

- Lower pressure piston pump, stainless steel, for material feed up to 40 bar and 3.6 L/min. Ideal, for example, for low pressure 2K systems such as TwinControl and for hardener supply systems.

ATEX CLASSIFICATION

- II 2G IIB T3

MATERIAL WETTED PARTS

- Stainless steel
- PTFE
- PA

TECHNICAL DATA

Max. material pressure at pump inlet	2,0 MPa, 20 bar, 290 PSI
Material temperature	5 - 80 °C, 41.0 - 176.0 °F
Air inlet pressure	0,2 - 0,8 MPa, 2,0 - 8,0 bar, 29 - 116 PSI
Air inlet connection	F
Max. stroke rate	60 DS/min
Pump body material	Stainless steel
Valve seat material	Stainless steel
Packing type	PE/T
Ambient temperature	5 - 60 °C, 41 - 140 °F
Allowable inclination	±10 °

**EvoMotion 5-60S****BASIC UNITS**

Packing type	Valve seat material	Valve tappet	Description	Item no.
PE/T	Stainless steel	No	EvoMotion 5-60 SS PE/T	U1S05060P

Feeding

Mixing

Applying

Control

Moving

Booths

EvoMotion 5-125



ATEX CLASSIFICATION

- II 2G IIB T3

MATERIAL WETTED PARTS

- Carbon steel
- Stainless steel
- TF-PE

TECHNICAL DATA

Pump ratio	5 :1
Max. material pressure at pump inlet	2,0 MPa, 20 bar, 290 PSI
Material outlet, inner thread	G 1/2"
Material temperature	5 - 80 °C, 41.0 - 176.0 °F
Air inlet pressure	0,2 - 0,8 MPa, 2,0 - 8,0 bar, 29 - 116 PSI
Air inlet connection	F-8 mm
Pneumatic connection Ø	9 mm, 0,4 in
Operating pressure	4,0 MPa, 40 bar, 580 PSI
Max. stroke rate	60 DS/min
Volumetric flow per 60 DS	7.5 l/min
Volumetric flow with free drainage	22 l/min, 0,8 cfm
Pump body material	Carbon steel
Valve seat material	Stainless steel
Packing type	PE/T
Volumetric flow per double stroke	125 cm ³ /DS, 7,63 in ³ /DH
Ambient temperature	5 - 60 °C, 41 - 140 °F
Weight	25,0 kg, 55.1 lb
Sound level at 6bar air pressure	69 dB(A)
Allowable inclination	±10 °
Piston Ø, air motor	80

INCLUDED ITEMS

- EvoMotion 5-125
- Release agent 250 ccm
- CE declaration of conformity
- User manual

ORDERING INFORMATION

- The air regulator, suction system, material filter and mounting accessories must be selected from the accessories program in addition to the pump.

BASIC UNITS

Description	Item no.
EvoMotion 5-125 PE/T	U1B05125D



EvoMotion 5-125

SERVICE SETS

Reversing valve ISO1	P498.00
Seal kit M 80 T910.00	T910.00
Service-Set EvoMotion fluid section	T958.00AE

Feeding

Mixing

Applying

Control

Moving

Booths

Low pressure piston pump EvoMotion - Accessories

Feeding

Mixing

Applying

Control

Moving

Booths



Low pressure piston pump EvoMotion - Accessories

	EvoMotion 5-60S	EvoMotion 5-125
1 Mounting equipment		
Wall bracket EM31-40/Zip52 finish	T760.00M	-
Stand Zip/Evomotion	T760.00S	-
Trolley Zip/Evomotion	T760.00SR	-
2 Air supply		
Kit Air regulator	T6140.00	T6140.00
3 Suction system		
SSt-suction pipe-G3/4""-365-cpl.	367151	-
Flex suction hose DN16-G3/4""-E90°-SSt	T4016.00WI	-
4 Material filter		
APS-Filter-SSt	T479.00FI	-
APS-connection-kit-SSt	T6164.00I	-

Feeding

Mixing

Applying

Control

Moving

Booths

Puma 8-300



PRODUCT DESCRIPTION

- Low pressure piston pump, stainless steel, for material feed up to 62 bar and 18 L/min. Ideal, for example, for circulation and paint supply systems.

ATEX CLASSIFICATION

- II 2 G IIB T3

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Hard chrome
- Teflon
- Packing material depending on pump type

TECHNICAL DATA

Pump ratio	8 :1
Max. material pressure at pump inlet	2,0 MPa, 20 bar, 290 PSI
Material inlet	M 36x2
Material outlet, inner thread	G 3/4"
Material temperature	5 - 80 °C, 41.0 - 176.0 °F
Air inlet pressure	0,3 - 0,8 MPa, 2,5 - 8,0 bar, 36 - 116 PSI
Air inlet	G 1/2"
Operating pressure	6,4 MPa, 64 bar, 928 PSI
Max. stroke rate	60 DS/min
Volumetric flow per 60 DS	18 l/min
Volumetric flow with free drainage	50 l/min, 1,8 cfm
Valve seat material	Tungsten carbide
Volumetric flow per double stroke	300 cm ³ /DS, 18,31 in ³ /DH
Ambient temperature	5 - 60 °C, 41 - 140 °F
Weight	32,0 kg, 70.6 lb
Max. sound level	78 dB(A)
Sound level at 6bar air pressure	74 dB(A)
Material pH	3,5 - 9,0 pH
Allowable inclination	±10 °
Min. air inlet Ø	9 mm, 0.4 in

INCLUDED ITEMS

- Puma 8-300
- Release agent 250 cm³
- CE declaration of conformity
- User manual

ORDERING INFORMATION

- With the aid of the configuration table, the pump can be individually configured with a holder, suction system and material filter according to your requirements.



Puma 8-300

BASIC UNITS

Packing type	Valve seat material	Valve tappet	Description	Item no.
PE / TG	Tungsten carbide	No	Wagner piston pump Puma 8-300	367109
PE/T	Tungsten carbide	No	Wagner piston pump Puma 8-300	367112

ORDERING INFORMATION

Description	Art.-No.					
Spraypack Puma 8-300	397092 -					
Mounting						
w/o mounting	1					
wall	2					
trolley	3					
Suction system						
w/o suction system	1					
ridgid (stainless steel)	2					
flexible hose NW 25	3					
flexible hose G 1 1/2	4					
Material Filter						
w/o material filter	1					
HP-filter (ball valve carbon steel)	2					
HP-filter (ball valve stainless steel)	3					
Return						
w/o return	1					
return pipe	2					
return hose	3					
Package						
PE/TG	1					
PE/T	2					

SERVICE SETS

Service kit airmotor 4"	367995
Service kit pump PP300 ccm PE/TG	369990
Service kit pump PP300 ccm PE/L	370989

Feeding

Mixing

Applying

Control

Moving

Booths

Puma 3-600



PRODUCT DESCRIPTION

- Low pressure piston pump, stainless steel, for material feed up to 24 bar and 36 L/min. Ideal, for example, for circulation and paint supply systems.

ATEX CLASSIFICATION

- II 2 G IIB T3

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Hard chrome
- Teflon
- Packing material depending on pump type

TECHNICAL DATA

Pump ratio	3 :1
Max. material pressure at pump inlet	2,0 MPa, 20 bar, 290 PSI
Material inlet	M 36x2
Material outlet, inner thread	G 3/4"
Material temperature	5 - 80 °C, 41.0 - 176.0 °F
Air inlet pressure	0,3 - 0,8 MPa, 2,5 - 8,0 bar, 36 - 116 PSI
Air inlet	G 1/2"
Operating pressure	2,4 MPa, 24 bar, 348 PSI
Max. stroke rate	60 DS/min
Volumetric flow per 60 DS	36 l/min
Volumetric flow with free drainage	75 l/min, 2,6 cfm
Valve seat material	Tungsten carbide
Volumetric flow per double stroke	600 cm ³ /DS, 36,61 in ³ /DH
Ambient temperature	5 - 60 °C, 41 - 140 °F
Weight	35,0 kg, 77.2 lb
Max. sound level	78 dB(A)
Sound level at 6bar air pressure	74 dB(A)
Material pH	3,5 - 9,0 pH
Allowable inclination	±10 °
Min. air inlet Ø	9 mm, 0.4 in

INCLUDED ITEMS

- Puma 3-600
- Release agent 250 cm³
- CE declaration of conformity
- User manual

ORDERING INFORMATION

- With the aid of the configuration table, the pump can be individually configured with a holder, suction system and material filter according to your requirements.

**Puma 3-600****BASIC UNITS**

Packing type	Valve seat material	Valve tappet	Description	Item no.
PE / TG	Tungsten carbide	No	Wagner piston pump Puma 3-600 USA	367113
PE/T	Tungsten carbide	No	Wagner piston pump Puma 3-600 USA	367114

ORDERING INFORMATION

Description	Art.-No.					
Spraypack Puma 3-600	397093 -					
Mounting						
w/o mounting		1				
wall		2				
trolley		3				
Suction system						
w/o suction system		1				
ridgid (stainless steel)		2				
flexible hose G 1 1/2		3				
Material filter						
w/o material filter		1				
HP-filter (ball valve carbon steel)		2				
HP-filter (ball valve stainless steel)		3				
Return						
w/o return		1				
return pipe		2				
return hose		3				
Package						
PE/TG		1				
PE/T		2				

SERVICE SETS

Service kit airmotor 4"	367995
Service kit pump PP600 ccm	369989

Feeding

Mixing

Applying

Control

Moving

Booths

Leopard 8-600



PRODUCT DESCRIPTION

- Low pressure piston pump, stainless steel, for material feed up to 62 bar and 36 L/min. Ideal, for example, for circulation and paint supply systems.

ATEX CLASSIFICATION

- II 2 G IIB T3

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Hard chrome
- Teflon
- Packing material depending on pump type

TECHNICAL DATA

Pump ratio	8 :1
Max. material pressure at pump inlet	2,0 MPa, 20 bar, 290 PSI
Material inlet	M 36x2
Material outlet, inner thread	G 3/4"
Hose connection, paint section	M 16x1.5
Material temperature	5 - 80 °C, 41.0 - 176.0 °F
Air inlet pressure	0,3 - 0,8 MPa, 2,5 - 7,7 bar, 36 - 112 PSI
Air inlet	G 1/2"
Operating pressure	6,2 MPa, 62 bar, 899 PSI
Max. stroke rate	60 DS/min
Volumetric flow per 60 DS	36 l/min
Volumetric flow with free drainage	75 l/min, 2,6 cfm
Valve seat material	Tungsten carbide
Volumetric flow per double stroke	600 cm ³ /DS, 36,61 in ³ /DH
Ambient temperature	5 - 60 °C, 41 - 140 °F
Weight	43,0 kg, 94.8 lb
Max. sound level	81 dB(A)
Sound level at 6bar air pressure	78 dB(A)
Material pH	3,5 - 9,0 pH
Allowable inclination	±10 °
Min. air inlet Ø	9 mm, 0.4 in

INCLUDED ITEMS

- Leopard 8-600
- Release agent 250 cm³
- CE declaration of conformity
- User manual

ORDERING INFORMATION

- With the aid of the configuration table, the pump can be individually configured with a holder, suction system and material filter according to your requirements.



Leopard 8-600

BASIC UNITS

Packing type	Valve seat material	Valve tappet	Description	Item no.
PE / TG	Tungsten carbide	No	Wagner piston pump Leopard 8-600 PE/TG	368118
PE/T	Tungsten carbide	No	Wagner piston pump Leopard 8-600 PE/T	368119

ORDERING INFORMATION

Description	Art.-No.						
Spraypack Leopard 8-600	368092 -						
Mounting							
w/o mounting	1						
wall	2						
trolley	3						
Suction system							
w/o suction system	1						
ridgid (stainless steel)	2						
flexible hose NW 25	3						
flexible hose G 1½	4						
Material filter							
w/o material filter	1						
HP-filter (ball valve carbon steel)	2						
HP-filter (ball valve stainless steel)	3						
Return							
w/o return	1						
return pipe	2						
return hose	3						
Package							
PE/TG	1						
PE/T	2						

SERVICE SETS

Service kit airmotor 6"	368995
Service kit pump PP600 ccm	369989

Feeding

Mixing

Applying

Control

Moving

Booths

Leopard 4-1200



PRODUCT DESCRIPTION

- Low pressure piston pump, stainless steel, for material feed up to 30 bar and 72 L/min. Ideal, for example, for large paint circulation systems in complex paint systems.

ATEX CLASSIFICATION

- II 2 G IIB T3

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Hard chrome
- Teflon
- Packing material depending on pump type

TECHNICAL DATA

Pump ratio	4 :1
Max. material pressure at pump inlet	2,0 MPa, 20 bar, 290 PSI
Material inlet	M 36x2
Material outlet, inner thread	G 1"
Material temperature	5 - 80 °C, 41.0 - 176.0 °F
Air inlet pressure	0,3 - 0,8 MPa, 2,5 - 7,7 bar, 36 - 112 PSI
Air inlet	G 1"
Operating pressure	3,0 MPa, 30 bar, 435 PSI
Max. stroke rate	60 DS/min
Volumetric flow per 60 DS	72 l/min
Volumetric flow with free drainage	110 l/min, 3,9 cfm
Valve seat material	Tungsten carbide
Volumetric flow per double stroke	1200 cm ³ /DS, 73,23 in ³ /DH
Ambient temperature	5 - 60 °C, 41 - 140 °F
Weight	50,0 kg, 110.3 lb
Max. sound level	81 dB(A)
Sound level at 6bar air pressure	78 dB(A)
Material pH	3,5 - 9,0 pH
Allowable inclination	±10 °
Min. air inlet Ø	13 mm, 0.5 in

INCLUDED ITEMS

- Leopard 4-1200
- Release agent 250 cm³
- CE declaration of conformity
- User manual

ORDERING INFORMATION

- With the aid of the configuration table, the pump can be individually configured with a holder, suction system and material filter according to your requirements.



Leopard 4-1200

BASIC UNITS

Packing type	Valve seat material	Valve tappet	Description	Item no.
PE / TG	Tungsten carbide	No	Wagner piston pump Leopard 4-1200 USA	368111
PE/T	Tungsten carbide	No	Wagner piston pump Leopard 4-1200 PE/T	368120

ORDERING INFORMATION

Description	Art.-No.					
Spraypack Leopard 4-1200	369094 -					
Mounting						
w/o mounting		1				
wall		2				
Suction system						
w/o suction system		1				
ridgid (stainless steel)		2				
flexible hose NW 25		3				
flexible hose G 1 1/2		4				
Material filter						
w/o material filter		1				
HP-filter (ball valve carbon steel)		2				
HP-filter (ball valve stainless steel)		3				
Return						
w/o return		1				
return pipe		2				
return hose		3				
Package						
PE/TG		1				
PE/T		2				

SERVICE SETS

Service kit airmotor 9"	369987
Service kit pump PP600 ccm	369988

Feeding

Mixing

Applying

Control

Moving

Booths

Jaguar 9-1200



PRODUCT DESCRIPTION

- Low pressure piston pump, stainless steel, for material feed up to 64 bar and 72 L/min. Ideal, for example, for large paint circulation systems in complex paint systems.

ATEX CLASSIFICATION

- II 2 G IIB T3

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Hard chrome
- Teflon
- Packing material depending on pump type

TECHNICAL DATA

Pump ratio	9 :1
Max. material pressure at pump inlet	2,0 MPa, 20 bar, 290 PSI
Material inlet	M 36x2
Material outlet, inner thread	G 1"
Material temperature	5 - 80 °C, 41.0 - 176.0 °F
Air inlet pressure	0,3 - 0,7 MPa, 2,5 - 7,1 bar, 36 - 103 PSI
Air inlet	G 1"
Operating pressure	6,4 MPa, 64 bar, 928 PSI
Max. stroke rate	60 DS/min
Volumetric flow per 60 DS	72 l/min
Volumetric flow with free drainage	105 l/min, 3,7 cfm
Valve seat material	Tungsten carbide
Volumetric flow per double stroke	1200 cm ³ /DS, 73,23 in ³ /DH
Ambient temperature	5 - 60 °C, 41 - 140 °F
Weight	66,0 kg, 145.5 lb
Max. sound level	83 dB(A)
Sound level at 6bar air pressure	81 dB(A)
Material pH	3,5 - 9,0 pH
Allowable inclination	±10 °
Min. air inlet Ø	25 mm, 1.0 in

INCLUDED ITEMS

- Jaguar 9-1200
- Release agent 250 cm³
- CE declaration of conformity
- User manual

ORDERING INFORMATION

- With the aid of the configuration table, the pump can be individually configured with a holder, suction system and material filter according to your requirements.



Jaguar 9-1200

BASIC UNITS

Packing type	Valve seat material	Valve tappet	Description	Item no.
PE/T	Tungsten carbide	No	Wagner piston pump Jaguar 9-1200 PE/T	369011
PE / TG	Tungsten carbide	No	Wagner piston pump Jaguar 9-1200 USA	369107

ORDERING INFORMATION

Description	Art.-No.					
Spraypack Jaguar 9-1200	369092 -					
Mounting						
w/o mounting		1				
wall		2				
Suction system						
w/o suction system		1				
ridgid (stainless steel)		2				
flexible hose NW 25		3				
flexible hose G 1 1/2		4				
Material Filter						
w/o material filter		1				
HP-filter (ball valve carbon steel)		2				
HP-filter (ball valve stainless steel)		3				
Return						
w/o return		1				
return pipe		2				
return hose		3				
Package						
PE/TG		1				
PE/T		2				

SERVICE SETS

Service kit airmotor 9"	369987
Service kit pump PP600 ccm	369988

Feeding

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Low pressure piston pumps IceBreaker - Accessories

Feeding

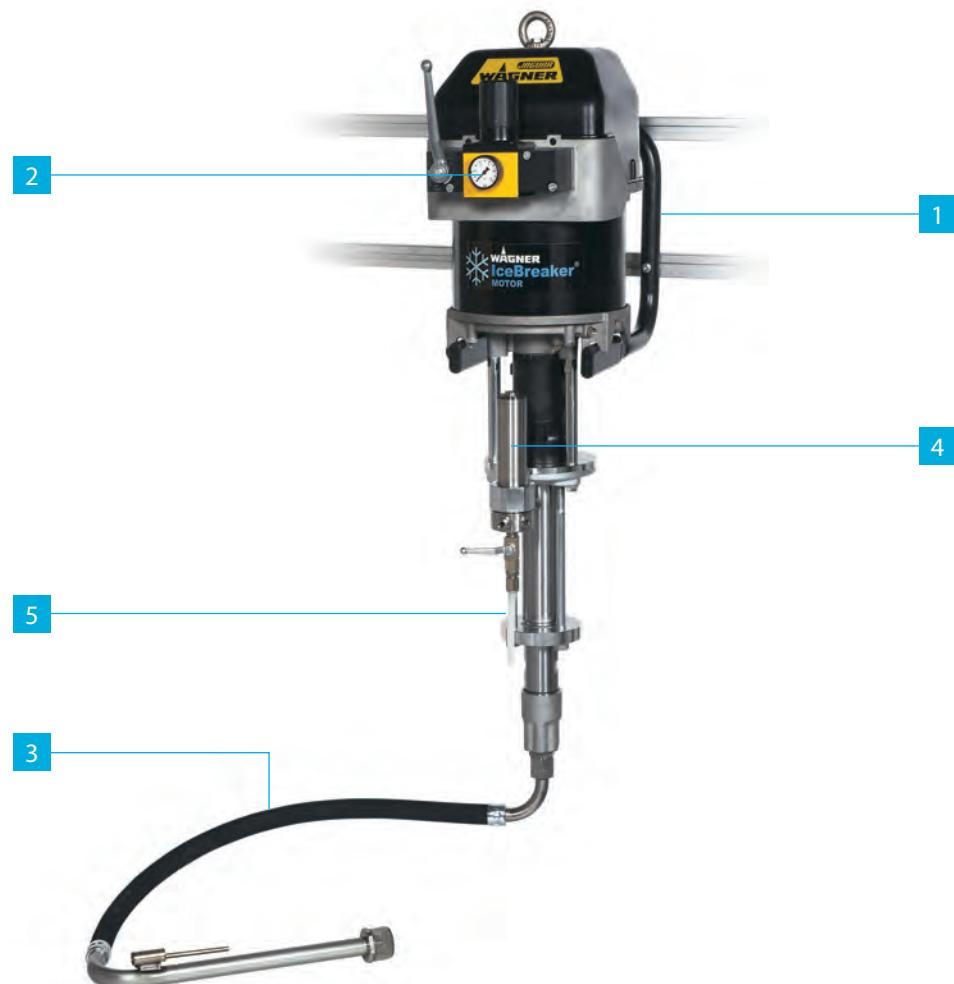
Mixing

Applying

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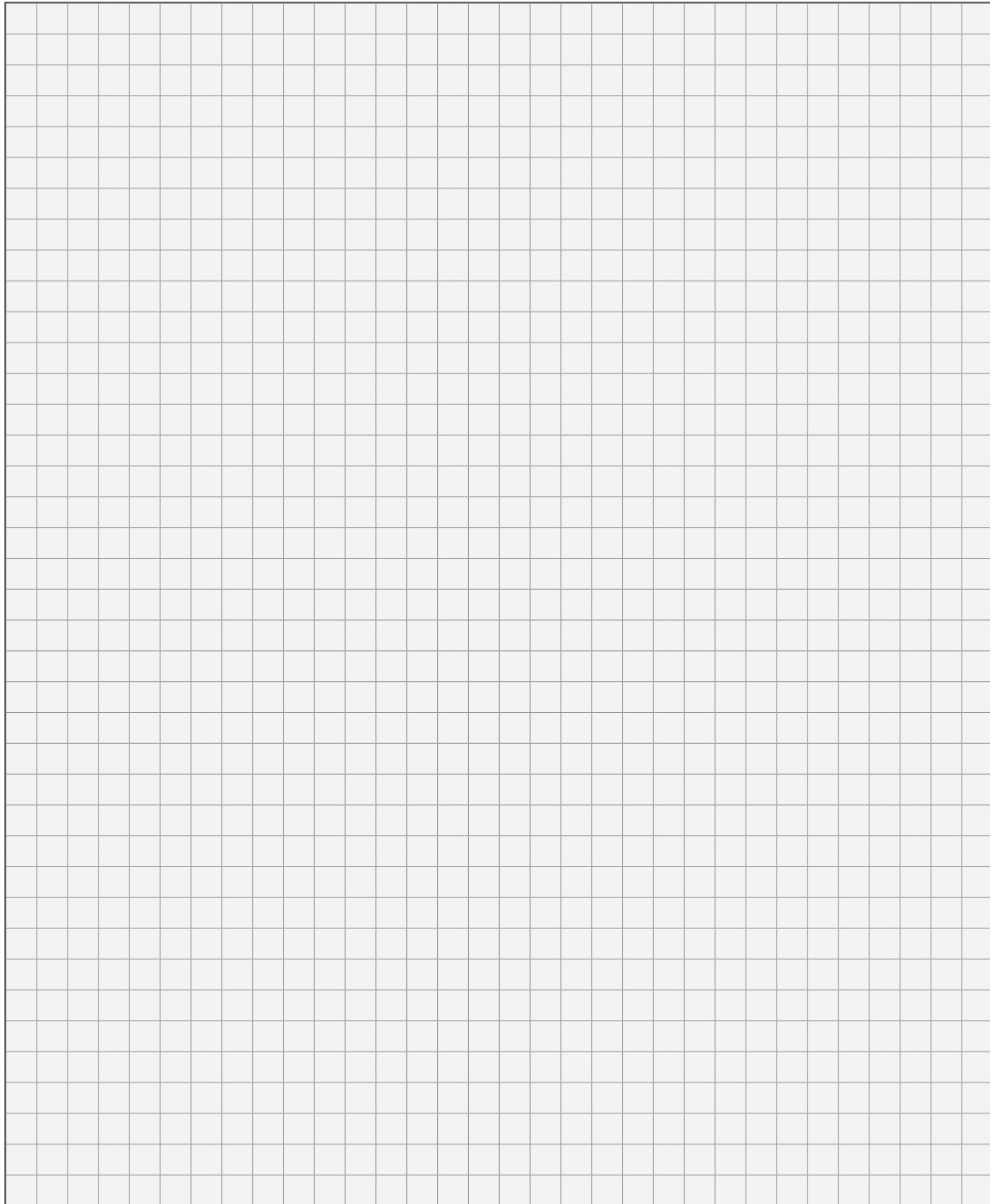
Low pressure piston pumps IceBreaker - Accessories

	Puma 8-300	Puma 3-600	Leopard 8-600
1 Mounting equipment			
Stand WildCat/Puma	367021	367021	-
Wheelkit for 367021&368021	367022	367022	-
Wall bracket for Leopard	368020	368020	368020
Trolley heavy duty Leopard/Jaguar	-	-	369024
3 Suction system			
SSt-suction pipe-G3/4""-365-cpl.	367151	367151	369151
Flex suction hose DN25-M36x2-E90°	367140	367140	367140
Flex suction hose DN38-G1½""-E90°	369959	369959	369959
4 Material filter			
HP-Filter-3/4"-1.4401-valve CS	370160	370160	370160
HP-Filter-3/4"-1.4401-valve SSt	370161	370161	370161
5 Return line			
HP-Filter Recirculation pipe	367188	367188	367188

Low pressure piston pumps IceBreaker - Accessories

	Leopard 4-1200	Jaguar 9-1200
1 Mounting equipment		
Wall bracket for Leopard	368020	369020
Trolley heavy duty Leopard/Jaguar	369024	369024
3 Suction system		
SSt-suction pipe-G1½"-475-cpl.	369151	369151
Flex suction hose DN25-M36x2-E90°	367140	367140
Flex suction hose DN38-G1½"-E90°	369959	369959
4 Material filter		
HP-Filter-3/4"-1.4401-valve CS	370160	370160
HP-Filter-3/4"-1.4401-valve SSt	370161	370161
5 Return line		
HP-Filter Recirculation pipe	367188	367188

Notes



Feeding

Mixing

Applying

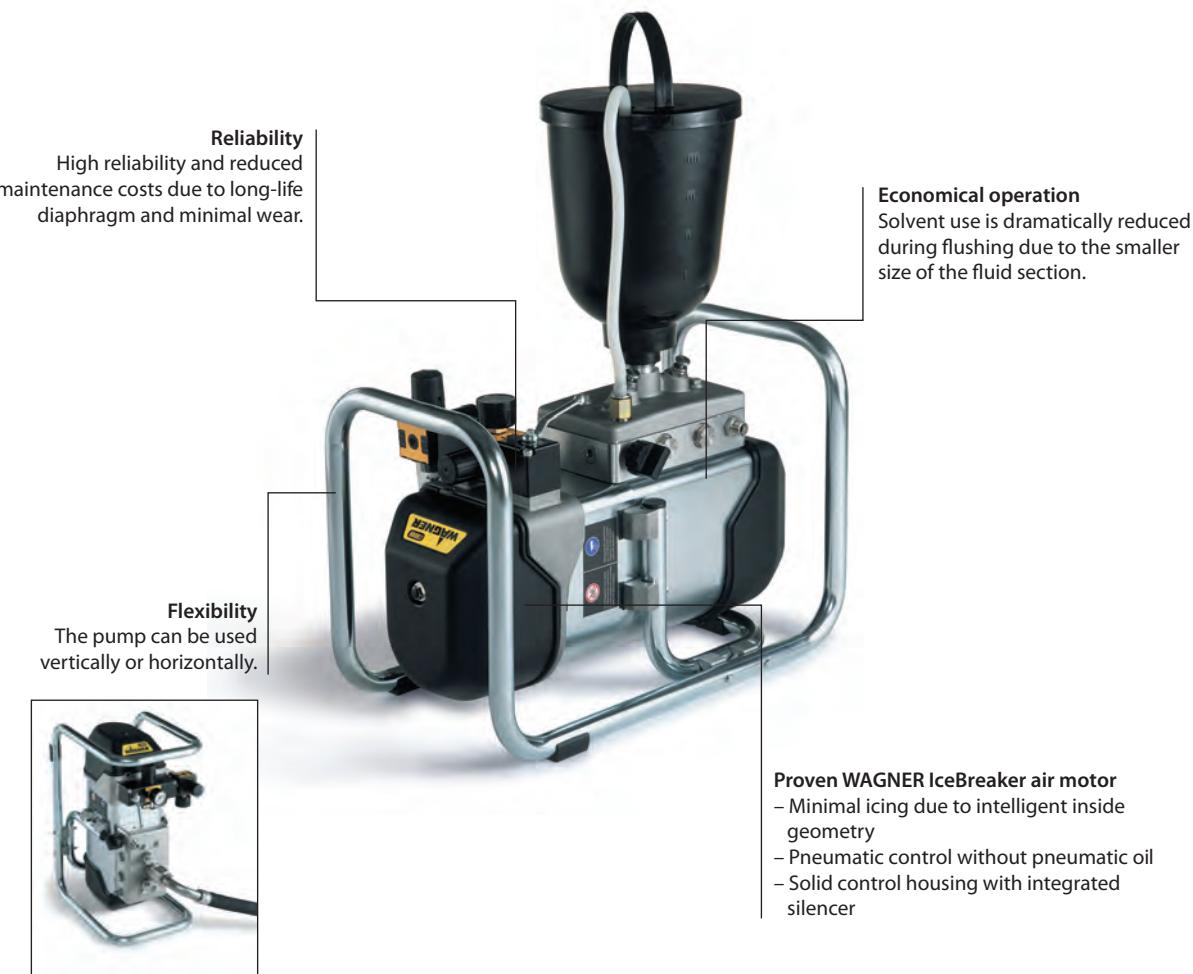
Control

Moving

Booths

High pressure diaphragm pumps

WAGNER Cobra 40-10 and Cobra 40-25 are exclusive high pressure double diaphragm pumps suitable for Airless and AirCoat applications up to 250 bar. Cobra is the first high pressure paint pump without packing. No friction in the fluid section and minimum shear, making it suitable for sensitive and reactive paints such as UV, acrylics, isocyanate. The pump works with almost no pulsations and allows a uniform paint flow for a perfect spray jet and highest surface quality. The reduced internal volumes ensures drastic reduction in solvent consumption during flushing operations and make Cobra 40-10 ideally solution for working with small quantities and frequent colour changes. The new Cobra 40-25 has been specially designed for high delivery rate applications such as automatic multi-gun lines or big nozzle sizes operation.



**Cobra 40-10****TECHNICAL DATA**

Pump ratio	40 :1
Max. material pressure at pump inlet	2,0 MPa, 20 bar, 290 PSI
Material inlet	M 36x2
Material outlet, inner thread	NPS 3/8"
Material temperature	10 - 80 °C, 50.0 - 176.0 °F
Air inlet pressure	0,3 – 0,6 MPa, 2,5 – 6,0 bar, 36 – 87 PSI
Air inlet	G 1/2"
Operating pressure	25,0 MPa, 250 bar, 3626 PSI
Max. stroke rate	200 DS/min
Volumetric flow per double stroke	10 cm ³ /DS, 0,61 in ³ /DH
Ambient temperature	10 – 60 °C, 50 – 140 °F
Weight	19,0 kg, 41.9 lb
Max. sound level	74 dB(A)
Material pH	3,5 – 9,0 pH
Min. air inlet Ø	13 mm, 0.5 in

ATEX CLASSIFICATION

- II 2 G IIB X

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Consistal
- PA

INCLUDED ITEMS

- Cobra 40-10
- Sign
- Ground cable assy.
- Double open-end wrench
- CE declaration of conformity
- User manual

ORDERING INFORMATION

- Select a ready-to-use Spraypack or select the pump.
- Determine which suction system or top reservoir is required.
- Determine which spray gun, controller and hose are required.
- Select mounting accessories for attaching the pump as well as other accessories.

Feeding

Mixing

Applying

Control

Moving

Booths

Cobra 40-10**BASIC UNITS**

Description	Item no.
Cobra 40-10	322040
Cobra 40-10 on base frame	322102

Feeding

Mixing

Applying

Control

Moving

Booths



Cobra 40-10

ORDERING INFORMATION

Cobra 40-10**SPRAYPACKS****Spraypack cobra AC/base frame**

■ Cobra 40-10 on base frame	322110
■ Hopper 5L-Cobra	322102
■ AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T	341267
■ GM 4100AC 25MPa NPSM1/4"	2309706
■ nozzle ACF3000 13/40	394012
■ Filter-pressure regulator cpl. nipple so	379413
	322050

Spraypack cobra AC/base frame

■ Cobra 40-10 on base frame	322111
■ Hopper 5L-Cobra	322102
■ AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T	341267
■ nozzle ACF3000 13/40	2309706
■ GM 4600AC 25MPa NPSM1/4"	379413
■ Filter-pressure regulator cpl. nipple so	394014
■ Air cap LV plus (red / GM 4x00AC)	322050
	2313494



Cobra 40-25



ATEX CLASSIFICATION

- II 2 G IIB X

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Consistal
- PA

TECHNICAL DATA

Pump ratio	40 :1
Max. material pressure at pump inlet	2,0 MPa, 20 bar, 290 PSI
Material inlet	M 36x2
Material outlet, inner thread	NPS 3/8"
Material temperature	10 - 80 °C, 50.0 - 176.0 °F
Air inlet pressure	0,3 – 0,6 MPa, 2,5 – 6,2 bar, 36 – 91 PSI
Air inlet	G 1/2"
Operating pressure	25,0 MPa, 250 bar, 3626 PSI
Max. stroke rate	200 DS/min
Volumetric flow per double stroke	25 cm ³ /DS, 1,53 in ³ /DH
Ambient temperature	10 – 60 °C, 50 – 140 °F
Weight	32,0 kg, 70.6 lb
Max. sound level	76 dB(A)
Material pH	3,5 – 9,0 pH
Min. air inlet Ø	19 mm, 0.7 in

INCLUDED ITEMS

- Cobra 40-25
- Sign
- Ground cable assy.
- Double open-end wrench
- CE declaration of conformity
- User manual

ORDERING INFORMATION

- Determine which suction system or top reservoir is required.
- Determine which spray gun, controller and hose are required.
- Select mounting accessories for attaching the pump as well as other accessories.

Feeding

Mixing

Applying

Moving

Booths

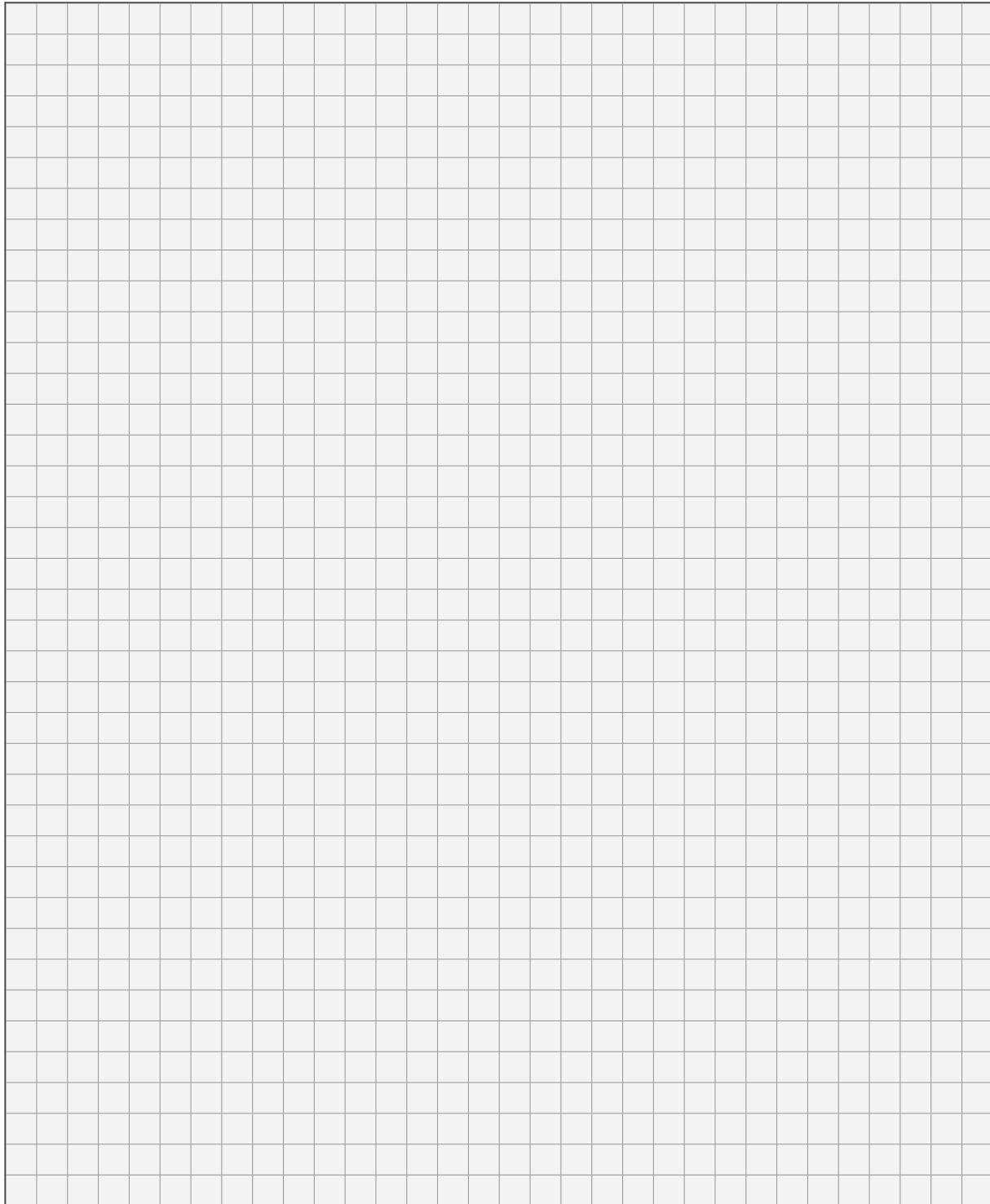
Cobra 40-25**BASIC UNITS**

Description	Item no.
Cobra 40-25	2308721
Cobra 40-25 base frame	2308722

SPRAYPACKS**SP Cobra 40-25 Trolley**

■ Cobra 40-25	2311360
■ Trolley Wildcat/Puma	2308721
■ AC-regulatorr-kit BigCobra	367121
■ Flex suction hose DN25-M36x2-S	2311350
■ FILTER M28x1,5	97087
	250245

Notes



Feeding

Mixing

Applying

Control

Moving

Booths

High pressure diaphragm pumps - Accessories

Feeding

Mixing

Applying

Control

Moving

Booths



High pressure diaphragm pumps - Accessories

	Cobra 40-10	Cobra 40-25
1 Mounting equipment		
Stand Cobra	322052	367021
Wall bracket Wildcat/Puma/Cobra	367020	367020
Stand WildCat/Puma	367021	-
Wheelkit for 367021&368021	367022	367022
2 Air supply		
Filter-pressure regulator cpl. nipple so	322050	-
3 Suction system		
Hopper 5L-Cobra	341267	341267
Suction set	341263	-
Flex suction hose DN13-M36x2-S	97073	97073
Flex suction hose DN25-M36x2-S	97087	97087
Suction system assy.	2311832	2311832
4 Material filter		
HP-filter 3/8" no ball valve,USA	322053	-
6 AirCoat hose pack		
AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T	2309706	2309706
AC-Hose-DN3-PN270-1/4"NPS-10,0m-PA-T	9984596	9984596
AC-hose-DN4-PN270-1/4"NPS-20,0m-PA-T	2309635	2309635
AC-Hose-DN4-PN270-1/4"NPS-10,0m-PA-T	2302379	-
AC-hose-DN4-PN270-1/4"NPS-15,0m-PA-T	2309634	2309634
AC-hose-DN3-PN270-1/4"NPS-7,5m-PA-T	2309705	-
7 Airless material hose		
HP-Hose-DN3-PN270-1/4"NPS-7,5m-PA	9984583	-
HP-Hose-DN4-PN270-1/4"NPS-7,5m-PA	9984573	-
HP-hose-DN4-PN270-1/4"NPSM-10m-PA	9984573-10	-
HP-Hose-DN4-PN270-1/4"NPS-15,0m-PA	9984573-15	-
HP-Hose-DN4-PN270-1/4"NPS-20,0m-PA	9984573-20	-
HP-Hose-DN6-PN270-1/4"NPS-10,0m-PA	9984418	-

Feeding

Mixing

Applying

Moving

Booths

Zip 52 Finishing

The first choice when it comes to quality diaphragm pumps. The Zip 52 is simple and powerful, and suitable for use with automatic and manual spray guns. The pump is used in high quality surface processing with electrostatic systems, HVLP and conventional spray devices for wood, metal, plastic, glass and leather. All Zip Finishing devices contain the Fine Flow Controller (FFC): precision material pressure regulator, anti-pulsation unit and filter in a single device. The patented 3-in-1 solution from WAGNER.





Zip 52 Finishing



TECHNICAL DATA

Pressure ratio	1 : 1
Material pressure	0,8 MPa, 8 bar, 116 PSI
Material inlet	G 1/2"
Material temperature	4 - 90 °C, 39.2 - 194.0 °F
Air inlet pressure	0,1 - 0,8 MPa, 1,0 - 8,0 bar, 15 - 116 PSI
Air inlet connection	G 1/4"
Max. suction lift	4.9 m, 16,1 ft
Particle size	2 mm, 0,1 in
Volumetric flow with free drainage	52 l/min, 1,8 cfm
Volumetric flow per double stroke	108 cm ³ /DS, 6,59 in ³ /DH
Sound power at max. flow rate	85 dB(A)
and a feed pressure of 8 bar	
Sound level at 50 cycles/min	76 dB(A)
and a feed pressure of 5 bar	

PROCESSABLE MATERIALS

- Paints and lacquers
- Abrasive paints
- Metallic paints
- Release agents
- Adhesive

APPLICATION AREAS

- Electrostatic, HVLP or normal processing of wood, metal, plastic and leather

ATEX CLASSIFICATION

- II 2G IIB T4

ORDERING INFORMATION

- Select the required pump.
- Select the required accessories.

BASIC UNITS

Description	Item no.
DDP Zip52 Alu finish Basic	U760.00
DDP Zip52 Inox finish basic	U765.00
ZIP52 Acetal Cond. Finishing	U772.00
ZIP52 Acetal leitfähig FFC SS Finishing	U773.00

Zip 52 Finishing



SPRAYPACKS

DDP Zip52 Alu finish SP5 Spraypack

- DDP Zip52 Alu finish Basic
- Double Hose LP D6x8 mt7,5 1/4"
- Air Spraygun SP5 1.2mm

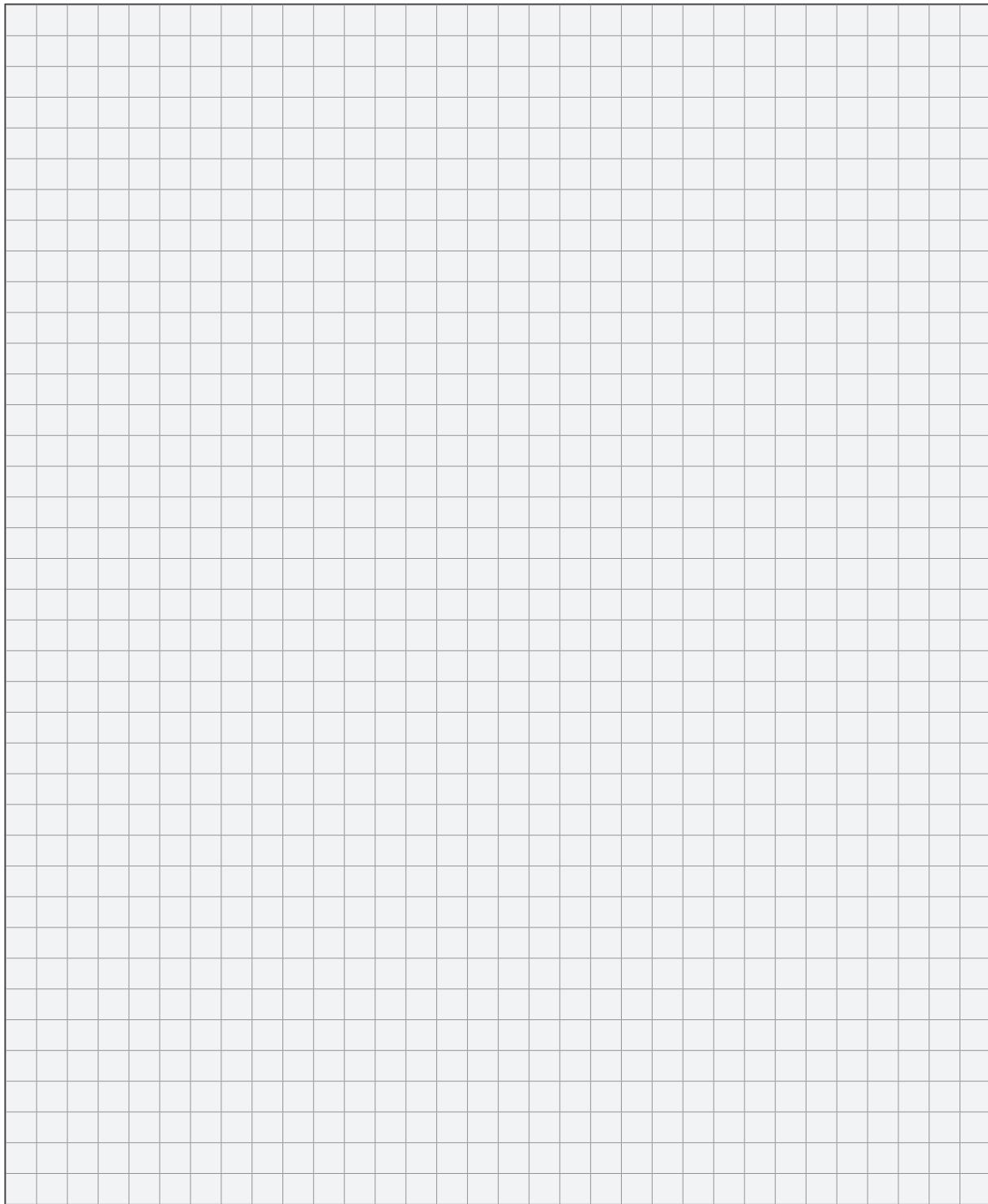
U760.00S/5

U760.00

S419.00G

R950.12

Notes



Feeding

Mixing

Applying

Control

Moving

Booths

Zip 52 Finishing - Accessories

Feeding

Mixing

Applying

Control

Moving

Booths



Zip 52 Finishing - Accessories

Zip 52 Finishing	
1	Mounting equipment
Wall mount	T760.00M
Trolley	T760.00SR
Frame	T760.00S
1	Fixations
Handle and wheels set	T760.00R
2	Material hose, air atomizing
Double Hose LP D6x8 mt7,5 1/4"	S419.00G
Twin hose 6x8 mm; 7.5m	S419.00GP
Double Hose LP D6x8 mt7,5 1/4"	S419.00GI
Twin hose 6x8 mm; 7.5m; SSt connect.	S419.00GPI
3	Material filter for FFC
Filter 60 mesh black	T500.00
Filter 100 mesh white	T500.00A
Filter 150 mesh	T500.00B

Feeding

Mixing

Applying

Control

Moving

Booths

Zip 52 Finishing on drum cover

This special version of the ZIP Finishing device is premounted on the cover for a 25-liter-drum. The system is delivered with a rigid suction valve and is optionally available with a pneumatic agitator. All variants contain the Fine Flow Controller – the patented 3-in-1 solution from Wagner: precision material pressure regulator, anti-pulsation unit and filter in a single device.

Easy to operate
The air and paint controllers are attached directly to the front display for user-friendly operation.



Immediately ready to use
Premounted pump on the cover of a 25 liter drum.

No pulsation
Optimal paint control thanks to the innovative 3-in-1 fine flow controller system.

Fully equipped

- Additional connectors for more spray guns
- Gun suspension - paint return valve
- Dosage air stop valve

Wide range of applications
Rigid suction system with filter unit. Integrated agitator (optional – can also be delivered without).

Zip 52 Finishing on drum cover



ORDERING INFORMATION

- Select the required pump.
- Select the required accessories.

BASIC UNITS

Description	Item no.
Zip52 Finish Alu drum cover with agit.	U760.00CPA
Zip52 Finish SSt drum cover with agit.	U765.00CPA
Zip52 Finish Alu drum cover	U760.00CP
Zip52 Finish SSt drum cover	U765.00CP

PROCESSABLE MATERIALS

- Paints and lacquers
- Abrasive paints
- Metallic paints
- Release agents
- Adhesive

APPLICATION AREAS

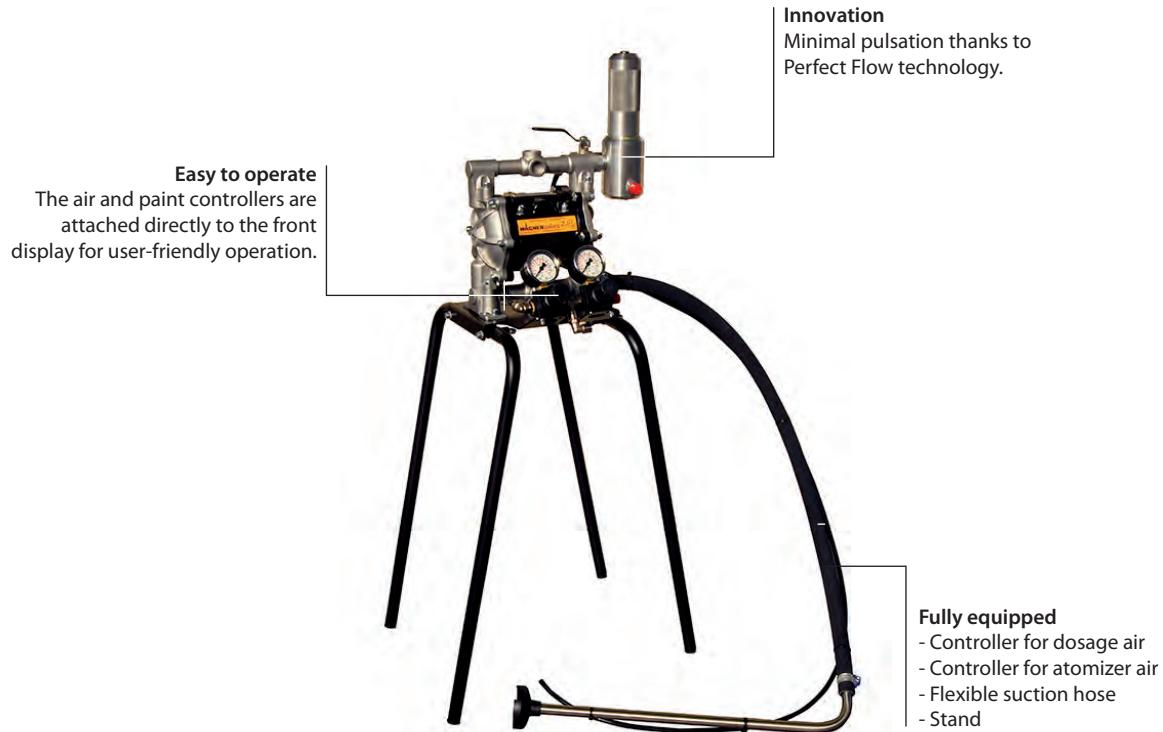
- Electrostatic, HVLP or normal processing of wood, metal, plastic and leather

TECHNICAL DATA

Pressure ratio	1 : 1
Material pressure	0,8 MPa, 8 bar, 116 PSI
Material temperature	4 - 90 °C, 39.2 - 194.0 °F
Air inlet pressure	0,1 - 0,8 MPa, 1,0 - 8,0 bar, 15 - 116 PSI
Air inlet connection	G 1/4"
Particle size	2 mm, 0,1 in
Volumetric flow with free drainage	52 l/min, 1,8 cfm
Volumetric flow per double stroke	108 cm ³ /DS, 6,59 in ³ /DH
Sound power at max. flow rate	85 dB(A)
and a feed pressure of 8 bar	
Sound level at 50 cycles/min	76 dB(A)
and a feed pressure of 5 bar	

Zip Eco Perfect Flow

The ZIP Eco Perfect Flow is the perfect entry level solution for low pressure applications that require low-pulsation pumps. It is particularly suitable in the area of electronic 2K systems or as a supply pump for air atomizing applications, if a material pressure regulator is not used when the starting pressure of the pump is low. All models are equipped with flexible hoses and stands.



Zip Eco Perfect Flow



TECHNICAL DATA

Pressure ratio	1 : 1
Material pressure	0,8 MPa, 8 bar, 116 PSI
Material inlet	G 1/2"
Material temperature	4 - 90 °C, 39.2 - 194.0 °F
Air inlet pressure	0,1 - 0,8 MPa, 1,0 - 8,0 bar, 15 - 116 PSI
Air inlet connection	G 1/4"
Particle size	2 mm, 0,1 in
Volumetric flow with free drainage	28 l/min, 1,0 cfm
Volumetric flow per double stroke	65 cm ³ /DS, 3,97 in ³ /DH
Weight	7,9 kg, 17.4 lb
Sound power at max. flow rate	85 dB(A) and a feed pressure of 8 bar
Sound level at 50 cycles/min	76 dB(A) and a feed pressure of 5 bar

PROCESSABLE MATERIALS

- Paints and lacquers
- Abrasive paints
- Metallic paints
- Release agents
- Adhesive

APPLICATION AREAS

- Electrostatic, HVLP or normal processing of wood, metal, plastic and leather

MATERIAL WETTED PARTS

- Aluminum
- PE
- Stainless steel

INCLUDED ITEMS

- Pump Zip 52 Perfect Flow
- Controller for dosage air
- Controller for atomizer air
- Flexible suction hose
- Stand

ORDERING INFORMATION

- Select the required pump.
- Select the required accessories.

BASIC UNITS

Description	Item no.
DDP Zip52 ECO PF AL SP	U731.00

Feeding

Mixing

Applying

Control

Moving

Booths

Zip Eco Perfect Flow

SPRAYPACKS

DDP Zip52 PF SP5 Spraypack

- DDP Zip52 ECO PF AL SP
- Double Hose LP D6x8 mt7,5 1/4"
- Air Spraygun SP5 1.2mm

U731.PACK/SP5

- U731.00
- S419.00G
- R950.12

Feeding

Mixing

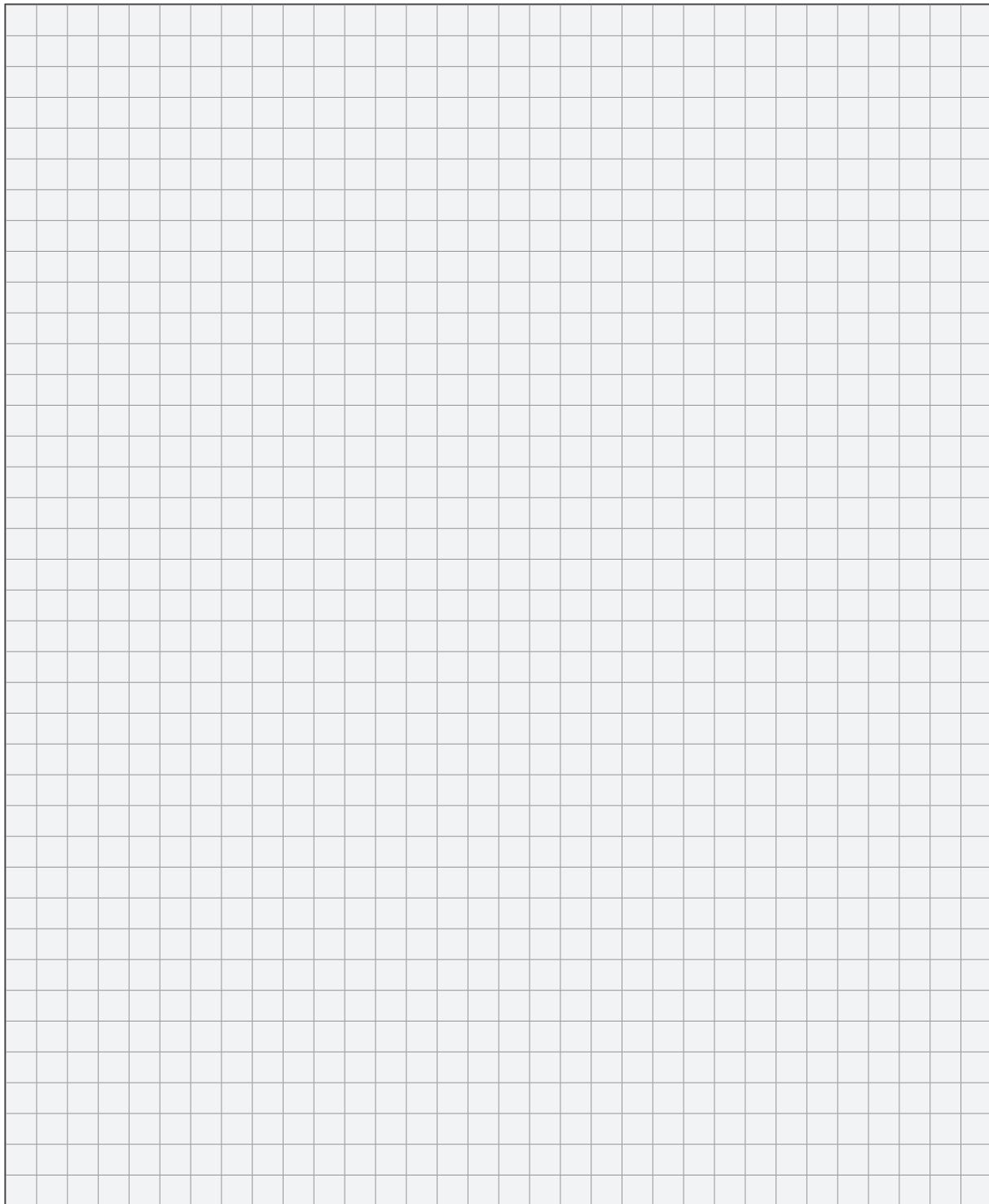
Applying

Control

Moving

Booths

Notes



Feeding

Mixing

Applying

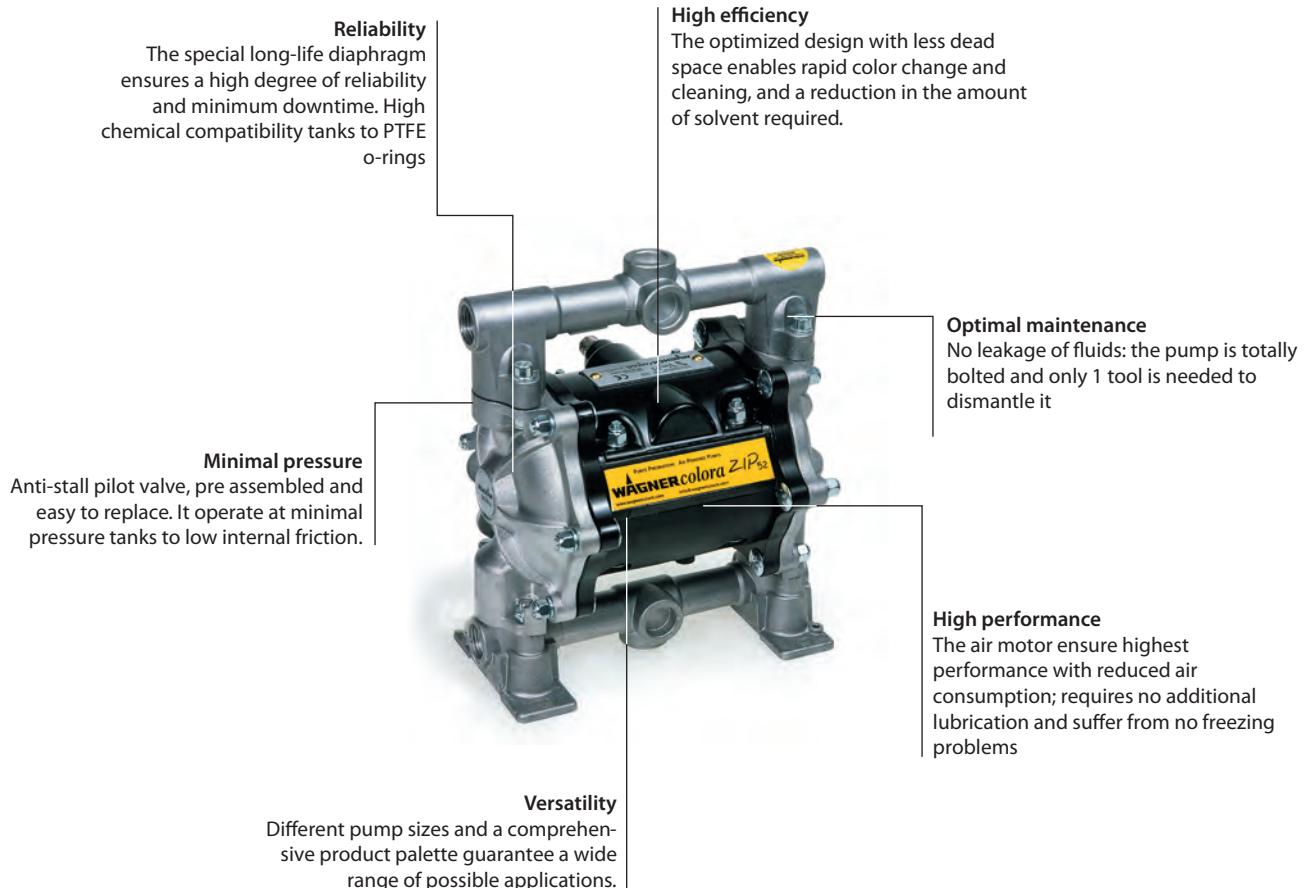
Control

Moving

Booths

Low pressure diaphragm pumps

The ZIP pneumatic double diaphragm pumps were designed specifically for a reduction in air consumption coupled with better performance and maximum reliability. The exclusive design and the broad application spectrum enable its use for corrosive, abrasive and highly viscous liquid media. ZIP pumps cover a broad application spectrum, including the feeding of paint supply systems; the feeding and circulation of printing ink, solvents, paints, chemicals and oils; the disposal of liquid waste; the supply of low-viscosity adhesives; and filling/emptying of tanks, drums and containers.



Selection chart low pressure diaphragm pump

The selection charts support you in finding the perfect low pressure diaphragm pump for your coating requirements. If you have further questions, please contact your WAGNER specialist.

Low pressure diaphragm pumps		ZIP 52	ZIP 52 PerfectFlow	ZIP 80	ZIP 182	Unica
Inlet / Outlet port						
1/2" BPS	■	■	□	□	□	
3/4" BPS	□	□	■	□	■	
1" BPS	□	□	□	■	□	
Max. flow rate						
8,1 l/min	□	□	□	□	■	
28 l/min	□	■	□	□	□	
52 l/min	■	□	□	□	□	
80 l/min	□	□	■	□	□	
182 l/min	□	□	□	■	□	
Max. fluid pressure						
8 bar	■	■	■	■	□	
27 bar	□	□	□	□	■	
Metal version						
Aluminium	■	■	■	■	□	
Nickel plated aluminium	■	□	■	□	□	
Stainless steel	■	■	■	■	■	
Conductive plastic version						
Acetal	■	■	■	□	□	
PVDF	■	□	■	□	□	
Non-conductive plastic version						
Polypropylen	■	■	■	□	□	
PPS	□	■	□	□	□	

Legend:

- Extremely appropriate
- Very appropriate
- Not appropriate

Zip 52

CE



TECHNICAL DATA

Pressure ratio	1 : 1
Material pressure	0,8 MPa, 8 bar, 116 PSI
Material inlet	G 1/2"
Material outlet	G 1/2"
Air inlet pressure	0,1 – 0,8 MPa, 1,0 – 8,0 bar, 15 – 116 PSI
Air inlet connection	G 1/4"
Particle size	2 mm, 0,1 in
Volumetric flow with free drainage	52 l/min, 1,8 cfm
Volumetric flow per double stroke	108 cm ³ /DS, 6,59 in ³ /DH
Sound level at max. flow rate and a feed pressure of 8 bar	85 dB(A)

INCLUDED ITEMS

- Zip 52
- CE declaration of conformity
- User manual

ORDERING INFORMATION

- Select the required pump.
- Select the required accessories.

ZIP pump selection table

All Zip pumps can be identified by a descriptive code. The following overview explains the meaning of the symbols in the article description. When selecting a pump, it is important to ensure that the paint and the components with which it comes into contact are chemically compatible. If you have any questions, please contact a WAGNER specialist.

Description	Item no.										
Zip 52	U55x.-							-			
Pump body											
Aluminium	A										
Stainless Steel	S										
Nickel Plated Aluminium	Q										
Polypropylene	P										
Conductive Acetal	G										
Conductive PVDF	F										
PPS	R										
Diaphragm											
PTFE	T										
UHMW Polyethylene	H										
Santoprene	X										
Valve seats											
Stainless Steel	S										
Polypropylene	P										
PVDF	F										
PPS	R										
Valve balls											
Stainless Steel	S										
PTFE	T										
Acetal	D										
Fluid inlet/outlet											
Left side – Left side	1										
Universal – Universal	7										
In-out independent	8										
Pneumatic signal connection	9										
Special version (optional)											
Stainless Steel Screws	A										

Zip 52

CE

Product variants


Model	Zip 52 plastic	Zip 52 conductive plastic	Zip 52 aluminum	Zip 52 stainless steel
ATEX classification		II 2G IIB T4	II 2G IIB T4	II 2G IIB T4
Max. suction lift	2.7 m, 106 in	2.7 m, 106 in	4.9 m, 193 in	4.9 m, 193 in
Max. material temperature	60 °C, 140 °F	60 °C, 140 °F	90 °C, 194 °F	90 °C, 194 °F
Weight	3270 g, 7.2 lb	3300 g, 7.3 lb	3800 g, 8.4 lb	6100 g, 13.5 lb

ORDERING INFORMATION - ZIP 52 PLASTIC

Application material	Pump body material	Diaphragm material	Valve seat material	Ball material	Diaphragm disk material	Screw material	Connections	Item no.
1K water-based paints Water-based abrasive materials	PP	PTFE	PP	Acetal	PP	Zinc-plated steel	Left inlet/left outlet	U552.PTPD1
1K water-based paints Water-based abrasive materials	PP	PTFE	PP	Acetal	PP	Zinc-plated steel	Universal inlet /universal outlet	U552.PTPD7
1K water-based paints Water-based abrasive materials	PP	PTFE	PP	Acetal	PP	Zinc-plated steel	Pneumatic sig./universal pickup	U552.PTPD8
Oils 1K water-based paints 1K water-based glues Release agents	PP	PTFE	Stainless steel SSt		PP	Zinc-plated steel	Left inlet/left outlet	U552.PTSS1
Oils 1K water-based paints 1K water-based glues Release agents	PP	PTFE	Stainless steel SSt		PP	Zinc-plated steel	Universal inlet /universal outlet	U552.PTSS7
1K water-based paints Water-based abrasive materials	PP	Sant.	PP	Acetal	PP	Zinc-plated steel	Universal inlet /universal outlet	U552.PXSD7

ORDERING INFORMATION - ZIP 52 CONDUCTIVE PLASTIC

Application material	Pump body material	Diaphragm material	Valve seat material	Ball material	Diaphragm disk material	Screw material	Connections	Item no.
1K water-based paints 1K solvent-based paints 1K water-based glues 1K solvent-based glues Oils	Acetal, conductive	PTFE	Stainless steel SSt		PP	Zinc-plated steel	Left inlet/left outlet	U552.GTSS1
1K water-based paints 1K solvent-based paints 1K water-based glues 1K solvent-based glues Oils	Acetal, conductive	PTFE	Stainless steel SSt		PP	Zinc-plated steel	Universal inlet /universal outlet	U552.GTSS7



ORDERING INFORMATION - ZIP 52 ALUMINUM

Application material	Pump body material	Diaphragm material	Valve seat material	Ball material	Diaphragm disk material	Screw material	Connections	Item no.
Abrasives Sealers Flammable liquids Release agents 1K water-based paints 1K solvent-based paints	Alu	PTFE	PPS	Acetal	PPS	Zinc-plated steel	Left inlet/left outlet	U550.ATRD1
Abrasives Sealers Flammable liquids Release agents 1K water-based paints 1K solvent-based paints	Alu	PTFE	PPS	Acetal	PPS	Zinc-plated steel	Universal inlet/universal outlet	U550.ATRD7
1K solvent-based paints 1K solvent-based glues Oils	Alu	PTFE	Stainless steel SSt		PPS	Zinc-plated steel	Left inlet/left outlet	U550.ATSS1
1K solvent-based paints 1K solvent-based glues Oils	Alu	PTFE	Stainless steel SSt		PPS	Zinc-plated steel	Universal inlet/universal outlet	U550.ATSS7
1K solvent-based paints 1K solvent-based glues Oils	Alu	PTFE	Stainless steel SSt		PPS	Zinc-plated steel	Pneumatic signal pickup	U550.ATSS9
1K solvent-based paints 1K solvent-based glues Oils	Alu	PTFE	Stainless steel SSt		PPS	Zinc-plated steel	Independent connections	U550.ATSS8
1K solvent-based paints	Alu	PTFE	Stainless steel PTFE		PPS	Zinc-plated steel	Left inlet/left outlet	U550.ATST1
1K solvent-based paints	Alu	PTFE	Stainless steel PTFE		PPS	Zinc-plated steel	Universal inlet/universal outlet	U550.ATST7

ORDERING INFORMATION - ZIP 52 STAINLESS STEEL

Application material	Pump body material	Diaphragm material	Valve seat material	Ball material	Diaphragm disk material	Screw material	Connections	Item no.
Flammable liquids 1K water-based primer 1K solvent-based primer	SSt	PTFE	Stainless steel SSt		PPS	Zinc-plated steel	Left inlet/left outlet	U550.STSS1
Flammable liquids Corrosive liquids Acids Bases 1K water-based primer 1K solvent-based primer	SSt	PTFE	Stainless steel SSt		SS316	SS 304	Left inlet/left outlet	U550.STSS1-A
Flammable liquids Corrosive liquids Acids Bases 1K water-based primer 1K solvent-based primer	SSt	PTFE	Stainless steel PTFE		SS316	SS 304	Left inlet/left outlet	U550.STST1-A

SERVICE SETS

Service-set reversing valve	P4003.00
Service-set	T9080.00
Service-Set Acetal-PPS	T9080.00A
Service-Set Acetal-Santopr. Diaphragms	T9080.00C
Service-Set SSt	T9080.00B
Product o-ring-set	T9077.00

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Zip 52 Perfect Flow**TECHNICAL DATA**

Pressure ratio	1 : 1
Material pressure	0,8 MPa, 8 bar, 116 PSI
Material inlet	G 1/2"
Material outlet	G 1/2"
Air inlet pressure	0,1 – 0,8 MPa, 1,0 – 8,0 bar, 15 – 116 PSI
Air inlet connection	G 1/4"
Particle size	2 mm, 0,1 in
Volumetric flow with free drainage	28 l/min, 1,0 cfm
Screw material	Zinc-plated steel
Volumetric flow per double stroke	65 cm ³ /DS, 3,97 in ³ /DH
Sound level at max. flow rate and a feed pressure of 8 bar	85 dB(A)

INCLUDED ITEMS

- Zip 52 Perfect Flow
- CE declaration of conformity
- User manual

ORDERING INFORMATION

- Select the required pump.
- Select the required accessories.

ZIP pumps selection table

All Zip pumps can be identified by a descriptive code. The following overview explains the meaning of the symbols in the article description. When selecting a pump, it is important to ensure that the paint and the components with which it comes into contact are chemically compatible. If you have any questions, please contact a WAGNER specialist.

Item	Item no.								
Zip 52 Perfect Flow	U55x.					-			
Pump body									
Aluminium		A							
Stainless Steel		S							
Polypropylene		P							
Conductive Acetal		G							
Diaphragm									
PTFE		T							
UHMW Polyethylene		H							
Santoprene		X							
Valve seals									
Stainless steel		S							
Polypropylene		P							
PVDF		F							
PPS		R							
Valve balls									
Stainless steel		S							
PTFE		T							
Acetal		D							
Fluid inlet / outlet									
Left side - left side						1			
Universal - universal						7			
In-out independent						8			
Pneumatic signal connection						9			

Zip 52 Perfect Flow



Model	Zip 52 Perfect Flow plastic	Zip 52 Perfect Flow conductive plastic	Zip 52 Perfect Flow aluminum	Zip 52 Perfect Flow stainless steel
ATEX classification	II 2G IIB T4	II 2G IIB T4	II 2G IIB T4	II 2G IIB T4
Max. material temperature				
Weight	3270 g, 7,2 lb	2900 g, 6,4 lb	6100 g, 13,5 lb	6100 g, 13,5 lb

ORDERING INFORMATION - ZIP 52 PERFECT FLOW PLASTIC

Application material	Pump body material	Diaphragm material	Valve seat material	Ball material	Diaphragm disk material	Screw material	Connections	Item no.
Oils	PP	PTFE			PP	Zinc-plated steel	Left inlet/left outlet	U553.PTSS1
1K water-based paints								
1K water-based glues								
Release agents								
Oils	PP	PTFE			PP	Zinc-plated steel	Universal inlet /universal outlet	U553.PTSS7
1K water-based paints								
2K water-based glues								
1K water-based paints	PP	PE			PP	Zinc-plated steel	Universal inlet /universal outlet	U553.PHSD7

ORDERING INFORMATION - ZIP 52 PERFECT FLOW ALUMINUM

Application material	Pump body material	Diaphragm material	Valve seat material	Ball material	Diaphragm disk material	Screw material	Connections	Item no.
1K water-based paints	Alu	PE	PPS	Acetal	PPS	Zinc-plated steel	Left inlet/left outlet	U551.AHRD1
1K solvent-based paints								
1K water-based paints	Alu	PTFE	PPS	Acetal	PPS	Zinc-plated steel	Universal inlet /universal outlet	U551.ATRD7
1K solvent-based paints								
1K solvent-based paints	Alu	PE			PPS	Zinc-plated steel	Left inlet/left outlet	U551.AHSS1
1K solvent-based glues								
Oils	Alu	PTFE			PPS	Zinc-plated steel	Universal inlet /universal outlet	U551.ATSS7
1K solvent-based paints								
1K solvent-based glues								
Oils								

ORDERING INFORMATION - ZIP 52 PERFECT FLOW STAINLESS STEEL

Application material	Pump body material	Diaphragm material	Valve seat material	Ball material	Diaphragm disk material	Screw material	Connections	Item no.
Flammable liquids	SSt	PTFE			PPS	Zinc-plated steel	Left inlet/left outlet	U551.STSS1
1K water-based primer								
1K solvent-based primer								

€€

Zip 52 Perfect Flow**SERVICE SETS**

Service-set reversing valve	P4003.00
Service-set	T9080.00
Service-Set Acetal-PPS	T9080.00A
Service-Set Acetal-Santopr. Diaphragms	T9080.00C
Service-Set SSt	T9080.00B
Product o-ring-set	T9077.00

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Zip 80

CE



TECHNICAL DATA

Pressure ratio	1 : 1
Material pressure	0,8 MPa, 8 bar, 116 PSI
Material inlet	G 3/4"
Material outlet	G 3/4"
Air inlet pressure	0,1 – 0,8 MPa, 1,0 – 8,0 bar, 15 – 116 PSI
Air inlet connection	G 1/4"
Particle size	3 mm, 0,1 in
Volumetric flow with free drainage	80 l/min, 2,8 cfm
Volumetric flow per double stroke	225 cm ³ /DS, 13,73 in ³ /DH

INCLUDED ITEMS

- Zip 80
- CE declaration of conformity
- User manual

ORDERING INFORMATION

- Select the required pump.
- Select the required accessories.

Selection chart ZIP 80 pumps

All ZIP pumps are identifiable by speaking codes. The following scheme explains the meaning of each digits included in the item. When selecting a pump is important to verify the chemical compatibility between the fluid and the materials of wetted parts. In case of doubt please contact our Wagner experts.

Description	Item no.										
Zip 80	U55x.								-		
Pump body											
Aluminium	A										
Stainless Steel	S										
Nickel Plated Aluminium	Q										
Polypropylene	P										
Conductive Acetal	G										
Conductive PVDF	F										
PPS	R										
Diaphragm											
PTFE	T										
UHMW Polyethylene	H										
Santoprene	X										
Valve seats											
Stainless Steel	S										
Polypropylene	P										
PVDF	F										
PPS	R										
Valve balls											
Stainless Steel	S										
PTFE	T										
Acetal	D										
Fluid inlet/outlet											
Left side – Left side	1										
Universal – Universal	7										
In-out independent	8										
Pneumatic signal connection	9										
Special version (optional)											
Stainless Steel Screws	A										

Zip 80

CE



Model	Zip 80 plastic	Zip 80 aluminum	Zip 80 stainless steel
ATEX classification		II 2G IIB T4	II 2G IIB T4
Max. material temperature	60 °C, 140 °F	90 °C, 194 °F	90 °C, 194 °F
Weight	4250 g, 9,4 lb	5300 g, 11,7 lb	8700 g, 19,2 lb

ORDERING INFORMATION - ZIP 80 PLASTIC

Application material	Pump body material	Diaphragm material	Valve seat material	Ball material	Diaphragm disk material	Screw material	Connections	Item no.
Acids	PP	PTFE	PP	PTFE	PP	SS 304	Universal inlet U557.PTPT7-A	
Corrosive liquids							/universal outlet	
Bases								
Oils	PP	PTFE	Stainless steel SSt	PP	Zinc-plated steel	Universal inlet U557.PTSS7		
1K water-based paints							/universal outlet	
1K water-based glues								
Release agents								

ORDERING INFORMATION - ZIP 80 ALUMINUM

Application material	Pump body material	Diaphragm material	Valve seat material	Ball material	Diaphragm disk material	Screw material	Connections	Item no.
1K solvent-based paints	Alu	PTFE	Stainless steel SSt	PPS	Zinc-plated steel	Left inlet/left outlet	U555.ATSS1	
1K solvent-based glues								
Oils								
1K solvent-based paints	Alu	PTFE	Stainless steel SSt	PPS	Zinc-plated steel	Universal inlet U555.ATSS7		
2K solvent-based glues							/universal outlet	
Oils								
1K solvent-based paints	Alu	PTFE	Stainless steel SSt	PPS	Zinc-plated steel	Independent connections	U555.ATSS8	
1K solvent-based glues								
Oils								

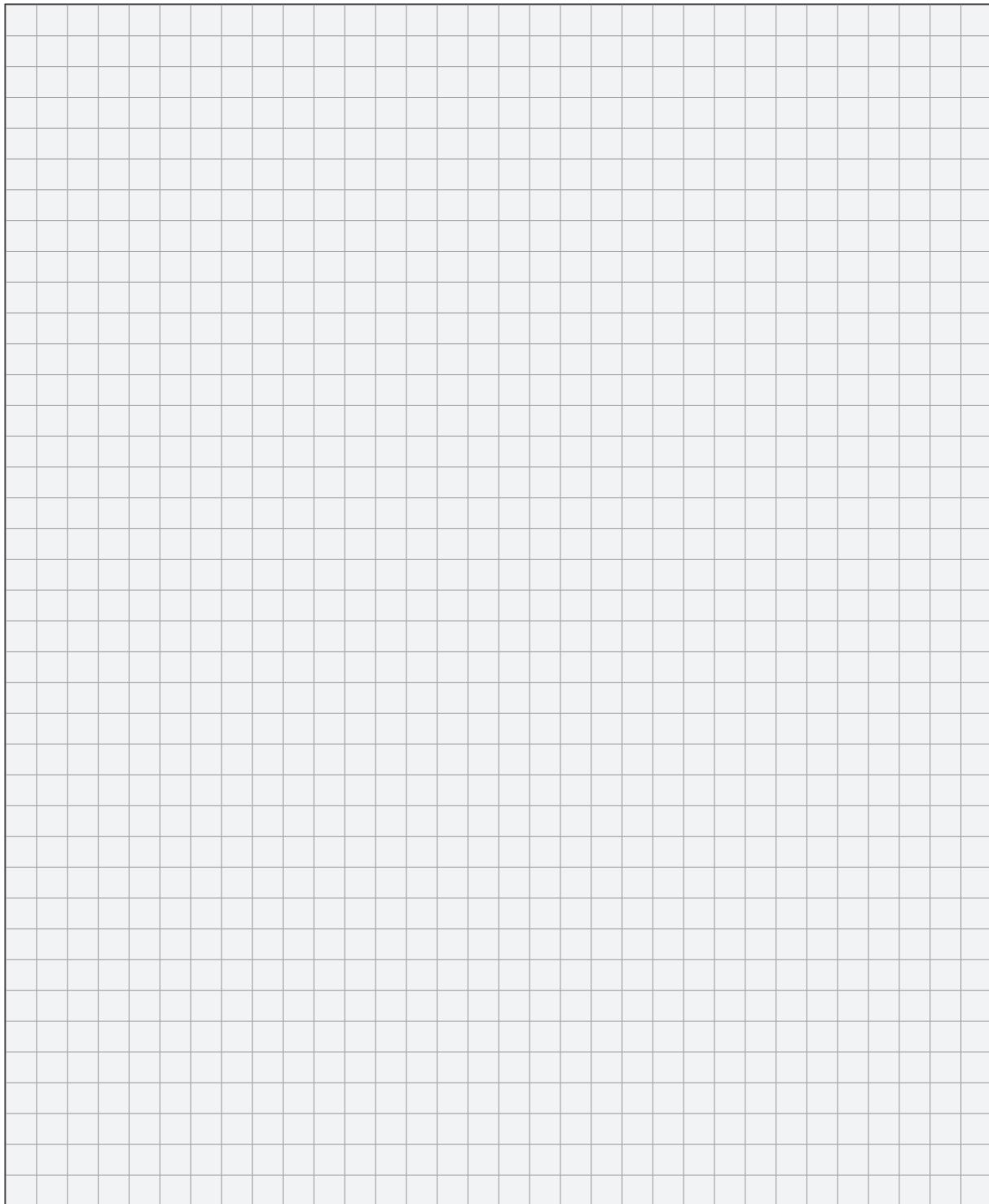
ORDERING INFORMATION - ZIP 80 STAINLESS STEEL

Application material	Pump body material	Diaphragm material	Valve seat material	Ball material	Diaphragm disk material	Screw material	Connections	Item no.
Flammable liquids	SSt	PTFE	Stainless steel SSt	PPS	Zinc-plated steel	Left inlet/left outlet	U555.STSS1	
1K water-based primer								
1K solvent-based primer								

SERVICE SETS

Service-set fluid valves	T9085.00
Service-set fluid valves	T9085.00A
O-ring set	T9084.00

Notes



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Low pressure diaphragm pump - Accessories

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Low pressure diaphragm pumps - Accessories

	Zip 52	Zip 52 Perfect Flow	Zip 80
1 Mounting equipment			
Wall bracket EM31-40/Zip52 finish	T760.00M	T760.00M	T600.573
2 Air supply			
Air pressure regulator 1/4"	P123.00	P123.00	P123.00
Gauge 010 Black Actuator 1/8X52	P903.00	P903.00	P903.00
Kit control valve flexo	T600.523	T600.523	T600.523
3 Suction system			
Hopper 5L -WildCat-Puma	-	367045	367045
4 Pump control system			
Digital pump Controller	U927.00	U927.00	U927.00
DPC connection kit for Zip 52-80	T600.508	T600.508	T600.508
5 Material pressure regulators			
FFC 14/0,5-8bar pneum. Alu	T0180.00A	T0180.00A	T0180.00A
FFC 14/0,5-8bar pneum. SSt	T0180.00AI	T0180.00AI	T0180.00AI
MPR 25/0,5-5bar man. Alu	T0170.00A	T0170.00A	T0170.00A
MPR 25/0,5-8bar pneum. Alu	T0170.00B	T0170.00B	T0170.00B
Material pressure regulator inox	T0170.00BI	T0170.00BI	T0170.00BI
MPR 25/0,5-5bar man. SSt	T0170.00AI	T0170.00AI	T0170.00AI

Zip 182

ATEX CLASSIFICATION

- II 2G IIB T4

MATERIAL WETTED PARTS

- Aluminum
- PTFE
- Stainless steel

TECHNICAL DATA

Connections	Left inlet/left outlet
Pressure ratio	1 : 1
Material pressure	0,8 MPa, 8 bar, 116 PSI
Material inlet	G 1"
Material outlet	G 1"
Material temperature	4 - 90 °C, 39.2 - 194.0 °F
Air inlet pressure	0,1 - 0,8 MPa, 1,0 - 8,0 bar, 15 - 116 PSI
Air inlet connection	G 1/2"
Max. suction lift	6.3 m, 20,7 ft
Particle size	3.5 mm, 0,1 in
Volumetric flow with free drainage	182 l/min, 6,4 cfm
Pump body material	Al
Diaphragm material	PTFE
Valve seat material	SSt
Volumetric flow per double stroke	710 cm ³ /DS, 43,33 in ³ /DH
Weight	12,5 kg, 27.6 lb
Sound level at max. flow rate and a feed pressure of 8 bar	87 dB(A)
Sound level at 50 cycles/min and a feed pressure of 5 bar	78 dB(A)

INCLUDED ITEMS

- Zip 182
- CE declaration of conformity
- User manual

ORDERING INFORMATION

- Select the required pump.
- Select the required accessories.

Selection chart ZIP 182 pumps

All ZIP pumps are identifiable by speaking codes. The following scheme explains the meaning of each digits included in the item. When selecting a pump is important to verify the chemical compatibility between the fluid and the materials of wetted parts. In case of doubt please contact our Wagner experts.

Descripton	Item no.							
Zip 182	U560						-	
Pump body								
Aluminium		A						
Stainless Steel		S						
Diaphragm								
PTFE			T					
Valve seats								
Stainless Steel				S				
Valve balls								
Stainless Steel					S			
PTFE					T			
Fluid inlet/outlet								
Left side – Left side						1		

Zip 182

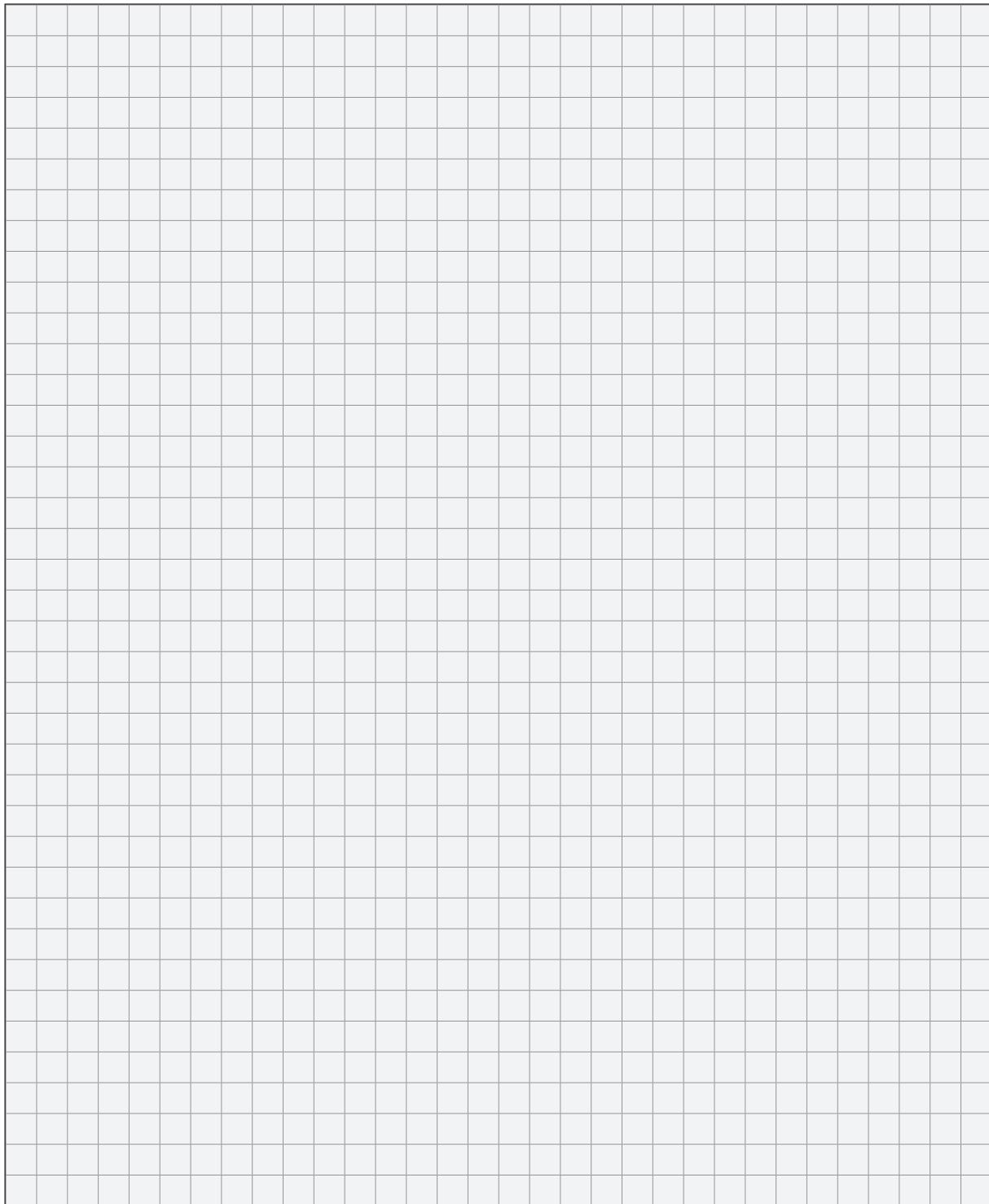
BASIC UNITS

Application material	Pump body material	Diaphragm material	Valve seat material	Ball material	Diaphragm disk material	Screw material	Connections
1K solvent-based paints solvent-based glues	1K Oils	Al	PTFE	SSt	SSt PPS	Zinc-plated steel	Left inlet/left outlet
1K solvent-based paints solvent-based glues	1K Oils	Al	PTFE	SSt	PTFE PPS	Zinc-plated steel	Left inlet/left outlet
1K solvent-based paints solvent-based glues	1K Oils	SSt	PTFE	Stainless steel	SSt		Left inlet/left outlet
1K solvent-based paints solvent-based glues	1K Oils	SSt	PTFE	Stainless steel	PTFE		Left inlet/left outlet

SERVICE SETS

Reversing valve set	P4018.00
Fluid service set - PTFE diaphragms - SS	T9087.00
Product o-ring set	T9088.00

Notes



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Low-pressure diaphragm pump Unica 4-270

The WAGNER Unica 4-270, with a 4.5:1 pressure ratio and a maximum working pressure of 27 bar, is setting new standards in the global market for double diaphragm pumps. The Unica has been designed for performance and reliability. Its exceptional power allows UNICA to reach and maintain the highest working pressure level in its segment. Furthermore, WAGNER engineers developed an exclusive and patented hydraulic circuit that ensures minimum deformation of and stress on the diaphragms. This technology, combined with the special diaphragm concept, ensures an extremely long diaphragm life, even when working under severe conditions.

Mixing

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High reliability
The special air pressure motor construction, the low-friction design of the pump interior and the long-life diaphragms ensure low maintenance costs and minimize the risk of downtime.

Superior drive power
50% higher working pressure than in other pneumatic double diaphragm pumps on the market.

Robust design
The technical design and the mechanical components were developed specifically for very stringent quality requirements.

Minimal shear
Its diaphragm technology with minimal shearing action makes Unica the perfect pump for use in circulation paint systems.

Patented solution
The hydraulic circuit: The diaphragm motion generates a vacuum that prevents reversal of the diaphragm motion during the intake phase.



**Unica 4-270****BASIC UNITS**

Description	Item no.
Unica 4-270	U580.00
Unica 4-270 HRD	U580.00HRD

ATEX CLASSIFICATION

■ II 2G IIB T4

MATERIAL WETTED PARTS

■ SSt
■ PTFE

TECHNICAL DATA

Connections	Left inlet/left outlet
Pump ratio	4.5 :1
Material inlet	F-G 3/4"
Material outlet	F-G 3/4"
Material outlet, inner thread	G 3/4"
Material temperature	4 - 90 °C, 39.2 - 194.0 °F
Air inlet pressure	0,6 MPa, 6,0 bar, 87 PSI
Air inlet connection	F-G 1/2"
Operating pressure	2,7 MPa, 27 bar, 392 PSI
Max. stroke rate	30 DS/min
Volumetric flow with free drainage	120 l/min, 4,2 cfm
Pump body material	SSt
Diaphragm material	PTFE
Valve seat material	Stainless steel
Ball material	SSt
Volumetric flow per double stroke	270 cm ³ /DS, 16,48 in ³ /DH
Max. recommended flow rate for continuous operation	8.2 l/min
Weight	45,0 kg, 99.2 lb

Unica 4-270 - Accessories

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Unica 4-270 - Accessories

	Unica 4-270
1 Mounting equipment	
Wall mount	T6151.00
Frame	T6148.00
2 Air supply	
Air regulator	T6152.00
3 Suction system	
Flex suction hose DN25-G3/4"-S-SSt	T4021.00!
4 Valve sprint set	
Spring set for valve	T6169.00

Feeding

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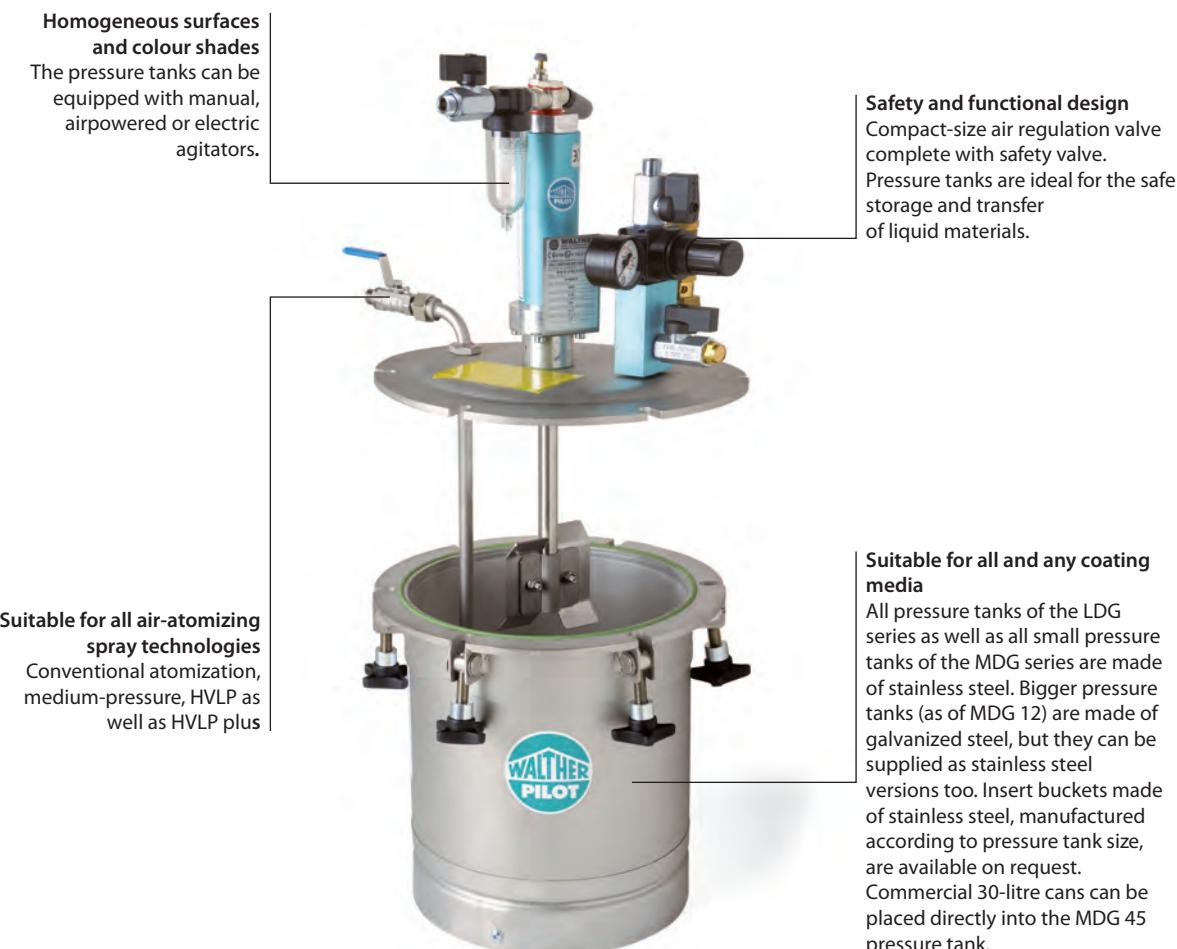
Control

Moving

Booths

Pressure Tanks

The use of pressure tanks is suggested when coating large surface areas and performing continuous spraying work. The greatest advantage of pressure tanks is that the material flow is absolutely free of pulsation, which leads to excellent spraying results. Also, when pressure tanks are used to supply material for conventional air atomizing spraying, the method eliminates the inconvenient refilling of the gravity and pressure cups. Pressure tanks are ideal for use with abrasive materials (they have virtually no wear parts) and shear-sensitive media.



LDG 5**TECHNICAL DATA**

Operating pressure	0,6 MPa, 6 bar, 87 PSI
Total capacity	4.9 l, 1,29 gal(US)
Capacity	3.5 l, 0,92 gal(US)
Operating temperature	50 °C, 122.0 °F

INCLUDED ITEMS

- Pressure tank
- Cover with fluid conduit
- Material outlet ball valve
- Air inlet fitting
- Pressure gauge
- Safety valve
- Plastic inliner

ORDERING INFORMATION

- Select the agitator equipment you require or no agitator equipment.

ORDERING INFORMATION

Description	Item no.
Pressure Pot LDG 5 stainless steel, w/o agitator	V4405160013
LDG 5 stainless steel with manual agitator	V4405160113
Pressure Pot LDG 5 stainless steel, with agitator	V4405160213

LDG 10

ORDERING INFORMATION

Description	Item no.
Pressure Pot LDG 10 stainless steel, w/o agitator	V4410160013
LDG 10 stainless steel with manual agitator	V4410160113
Pressure Pot LDG 10 stainless steel, with agitator	V4410160213
LDG 10 stainless steel with electric agitator	V4410160313

TECHNICAL DATA

Operating pressure	0,6 MPa, 6 bar, 87 PSI
Total capacity	10 l, 2,64 gal(US)
Capacity	9 l, 2,38 gal(US)
Operating temperature	50 °C, 122.0 °F

INCLUDED ITEMS

- Pressure tank
- Cover with fluid conduit
- Material outlet ball valve
- Air inlet fitting
- Pressure gauge
- Safety valve
- Plastic inliner

ORDERING INFORMATION

- Select the agitator equipment you require or no agitator equipment.

LDG 20**TECHNICAL DATA**

Operating pressure	0,6 MPa, 6 bar, 87 PSI
Total capacity	20 l, 5,28 gal(US)
Capacity	15 l,3,96 gal(US)
Operating temperature	50 °C, 122.0 °F

INCLUDED ITEMS

- Pressure tank
- Cover with fluid conduit
- Material outlet ball valve
- Air inlet fitting
- Pressure gauge
- Safety valve

ORDERING INFORMATION

- Select the agitator equipment you require or no agitator equipment.

ORDERING INFORMATION

Description	Item no.
Pressure Pot LDG 20 stainless steel, w/o agitator	V4420160013
LDG 20 stainless steel with manual agitator	V4420160113
Pressure Pot LDG 20 stainless steel, with agitator	V4420160213
LDG 20 stainless steel with electric agitator	V4420160313

Feeding

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Booths

MDG 2



TECHNICAL DATA

Operating pressure	0,3 MPa, 3 bar, 44 PSI
Total capacity	2 l, 0,53 gal(US)
Capacity	1.8 l, 0,48 gal(US)
Operating temperature	50 °C, 122.0 °F

INCLUDED ITEMS

- Pressure tank
- Air inlet fitting assy.
- Safety valve
- Cover with fluid conduit
- Material outlet ball valve
- Documentation

ORDERING INFORMATION

- Select the max. working pressure.

ORDERING INFORMATION

Max. operating pressure	Description	Item no.
0,3 MPa, 3 bar, 43,5 PSI	MDG 2 stainless steel without agitator	V4402130013
0,6 MPa, 6 bar, 87,0 PSI	MDG 2 stainless steel without agitator	V4402160013

MDG 12**ORDERING INFORMATION**

Description	Item no.
MDG 12 zinc-plated without agitator	V4422160012
MDG 12 zinc-plated with manual agitator	V4422160112
MDG 12 zinc-plated with pneumatic agitator	V4422160212
MDG 12 zinc-plated with electric agitator	V4422160312

TECHNICAL DATA

Operating pressure	0,6 MPa, 6 bar, 87 PSI
Total capacity	12 l, 3,17 gal(US)
Capacity	11.5 l, 3,04 gal(US)
Operating temperature	50 °C, 122.0 °F

INCLUDED ITEMS

- Pressure tank
- Pressure gauge
- Safety valve
- Cover with filling device
- Suction tube
- Material outlet ball valve
- Declaration of conformity
- Documentation

ORDERING INFORMATION

- Select the agitator equipment you require or no agitator equipment.

Feeding

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MDG 45

TECHNICAL DATA

Operating pressure	0,6 MPa, 6 bar, 87 PSI
Total capacity	45 l, 11,89 gal(US)
Capacity	42,5 l, 11,23 gal(US)
Operating temperature	50 °C, 122,0 °F

INCLUDED ITEMS

- Pressure tank
- Pressure gauge
- Safety valve
- Cover with filling device
- Suction tube
- Material outlet ball valve
- Declaration of conformity
- Documentation

ORDERING INFORMATION

- Select the agitator equipment you require or no agitator equipment.
- Select the max. working pressure.

ORDERING INFORMATION

Max. operating pressure	Agitator type	Item no.
0,4 MPa, 4 bar, 58,0 PSI	Without agitator	V4424140012
0,4 MPa, 4 bar, 58,0 PSI	Manual agitator	V4424140112
0,4 MPa, 4 bar, 58,0 PSI	Pneumatic agitator	V4424140212
0,4 MPa, 4 bar, 58,0 PSI	Electric agitator	V4424140312
0,6 MPa, 6 bar, 87,0 PSI	Without agitator	V4424160012
0,6 MPa, 6 bar, 87,0 PSI	Manual agitator	V4424160112
0,6 MPa, 6 bar, 87,0 PSI	Pneumatic agitator	V4424160212
0,6 MPa, 6 bar, 87,0 PSI	Electric agitator	V4424160312

MDG 60**ORDERING INFORMATION**

Max. operating pressure	Agitator type	Item no.
0,3 MPa, 3 bar, 43,5 PSI	Without agitator	V4425130012
0,3 MPa, 3 bar, 43,5 PSI	Manual agitator	V4425130112
0,3 MPa, 3 bar, 43,5 PSI	Pneumatic agitator	V4425130212
0,3 MPa, 3 bar, 43,5 PSI	Electric agitator	V4425130312
0,6 MPa, 6 bar, 87,0 PSI	Without agitator	V4425160012
0,6 MPa, 6 bar, 87,0 PSI	Manual agitator	V4425160112
0,6 MPa, 6 bar, 87,0 PSI	Pneumatic agitator	V4425160212
0,6 MPa, 6 bar, 87,0 PSI	Electric agitator	V4425160312

TECHNICAL DATA

Operating pressure	0,6 MPa, 6 bar, 87 PSI
Total capacity	60 l, 15,85 gal(US)
Capacity	58,5 l, 15,45 gal(US)
Operating temperature	50 °C, 122,0 °F

INCLUDED ITEMS

- Pressure tank
- Pressure gauge
- Safety valve
- Cover with filling device
- Suction tube
- Material outlet ball valve
- Declaration of conformity
- Documentation

ORDERING INFORMATION

- Select the agitator equipment you require or no agitator equipment.
- Select the max. working pressure.

Feeding

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WAGNER Mixing and Dosing

Intelligent and innovative!

The powerful and efficient electronic mixing and dosing equipment from WAGNER offers a range which optimally meets the high demands of industry in the mixing and dosing fields. Whether mechanical, electrical or electronic, low or high pressure, automatic or manual coating - 2 to 4-component materials can be applied to suit the customer with the widest range of WAGNER equipment.



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WAGNER mixing and dosing technology

Mixing and dosing systems are subdivided into so-called continuous systems with gear pumps for the low pressure range and discontinuous systems. In discontinuous systems, the material flow is measured using gear or Coriolis meters and the hardener is metered into the base component using a timing valve.

Feeding

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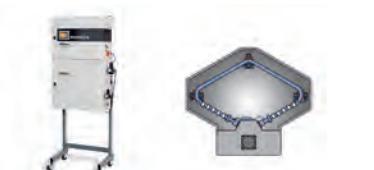
Moving

Booths



Gear flow meter (FlexControl and FlexControl plus)

Gear flow meters are positive displacement flow meters with an inner mechanism similar to that of a gear pump. The casing contains two gears that mesh with very little play. Enclosed chambers are created between the teeth and the casing wall in which the medium is displaced under force, causing the gears to turn. The gears turn freely in the current at a speed that is proportional to the flow rate and that is read through the housing wall by a non-contacting method. For evaluation purposes, the sensors deliver a digital pulse signal with a frequency proportional to the flow rate. There are two kinds of gear flow meters: ball bearing flow meters and friction bearing flow meters. Gear flow meters are not suitable for abrasive or shear-sensitive materials.



Coreolis mass flow meter (FlexControl plus)

Two parallel tubes are excited by coils to oscillate at their resonant frequency. When a mass flow passes through the measurement tubes, Coriolis forces arise. Coriolis forces occur in oscillating systems when a mass moves toward or away from a rotation axis.



Stroke Measurement (TwinControl)

In all piston pumps the delivered fluid is precisely metered by the piston motion. The patented Magnetic Stroke Meter detects the exact position of the piston and passes the information to the electronic box, which automatically calculates the instant flow rate value.

Overview on WAGNER mixing and dosing equipment

Whether mechanical, electrical or electronic, low or high pressure, automatic or manual coating - 2 or 3-component materials can be applied to suit the customer with the widest range of WAGNER equipment. Please choose the perfect technology for your requirements. You will find further information as well as detailed selection charts in the specific chapters.



TwinControl

FlexControl plus

FlexControl plus XL

Cobra 2K

Performance overview

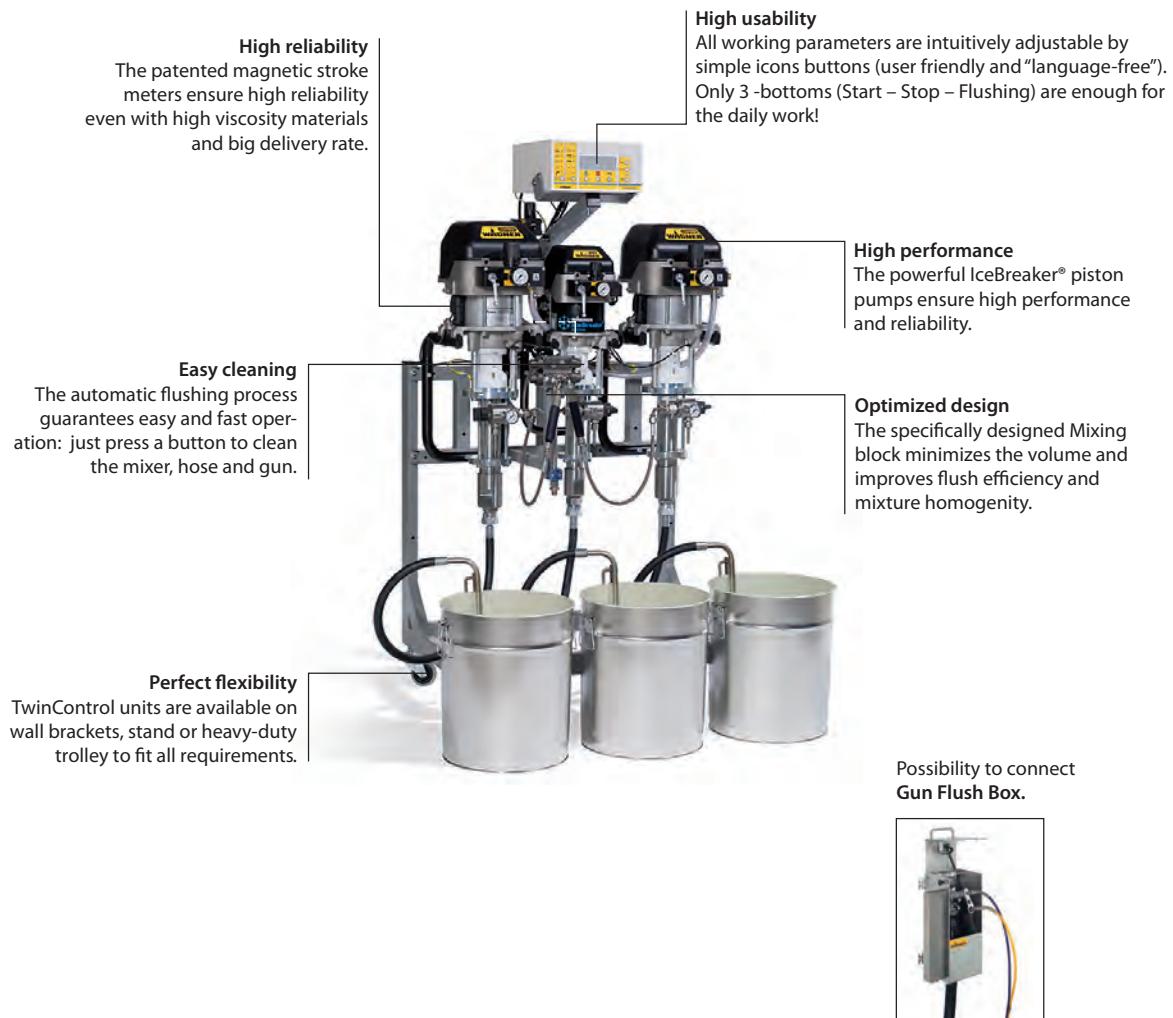
Mixing ratio	0,1:1 - 20:1 0,1:1 - 10:1	0,1:1 - 50:1	0,1:1 - 50:1	1:1
Mixing precision	+/- 2%	+/- 1%	+/- 1%	+/- 10%
N° Bases	1	1 - 25	1 - 25	1
N° Hardeners	1	1 - 10	1 - 10	1
Working pressure [bar]	8 - 530	0,5 - 270	1 - 400	60 - 250
Max. flow [l/min]	2,4 - 18	3	25	2

Function overview

Material handled	2K	2K, 3K, 4K	2K, 3K, 4K	2K
Flow meter technology	Stroke meter	Gear flow meter / Coriolis	Gear flow meter / Coriolis	Mechanical
Color change	no	yes	yes	no
Recipes	no	yes	yes	no
Interface with robot	yes	yes	yes	no

TwinControl

The WAREMA TwinControl is a unique entry level solution for 2 K applications. The mobile TwinControl features a high level of efficiency, is very compact and easy to operate, and is ideally suited for a wide variety of requirements such as the processing of high viscosity materials and high delivery rates. The TwinControl combines innovative components such as the Magnetic Stroke Meter with the outstanding WAGNER technology found in IceBreaker pumps to optimize your daily workflow. The low pressure versions are equipped with EvoMotion 5-60S stainless steel pumps.



Selection chart TwinControl

From the smaller version 18-40 / 18-40 up to the biggest 72-300 / 72-300, with delivery rate from 1,2 l/min up to 18 l/min and operating pressure from 40 to 500 bar, the TwinControl is suitable for AirCoat and Airless application of 2K water and solvent based materials in the metal, wood and general protective coating. Models with only air-supply (Turbine version) are available for hazardous area. Version with electric and pneumatic supply are suitable for not hazardous application (i.e. waterbased).

TwinControl

	5-60 / 5-60	18-40 / 18-40	28-40 / 28-40	35-70 / 35-70	35-150 / 35-150	48-110 / 48-110	75-150 / 75-150	72-300 / 75-150	72-300 / 72-300
Mixing ratio									
up to 10:1	■	■	■	■	■	■	■	■	■
up to 20:1	■	■	■	■	■	■	□	□	□
Material characteristics									
low-viscosity [<40 sec. DIN. No.4]	■	■	■	■	■	■	■	■	■
medium-viscosity [40...60 sec. DIN No.4]	■	■	■	■	■	■	■	■	■
high-viscosity [>60 sec. DIN No.4]	□	□	□	■	■	■	■	■	■
Basic Atomization									
AirSpray	■	□	□	□	□	□	□	□	□
AirCoat 160 bar max.	□	■	■	■	■	■	□	□	□
AirCoat 250 bar max.	□	□	■	■	■	■	□	□	□
Airless 270 bar max.	□	□	■	■	■	■	□	□	□
Airless 400 bar max.	□	□	□	□	□	■	■	■	■
Airless 530 bar max.	□	□	□	□	□	□	■	■	■
Volumetric flow									
0-2 l/min	■	■	■	■	■	■	■	■	■
2-6 l/min	■	□	□	■	■	■	■	■	■
>6 l/min	□	□	□	□	■	■	■	■	■

Legend

- Extremely appropriate
- Very appropriate
- Not appropriate

TwinControl 5-60



PROCESSABLE MATERIALS

- 2K water-based primer
- 2K solvent-based primer
- 2K PUR primer
- 2K PUR paints
- 2K epoxy primer
- 2K epoxy paints
- 2K high solid primer
- 2K high solid paints

APPLICATION AREAS

- Metal industry
- Wood industry
- Plastics industry

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Hard chrome
- Packing PE/TG

TECHNICAL DATA

Input voltage (for unit with electric cable connection) 115 – 230 V

Input frequency (for unit with electric cable connection) 50 – 60 Hz

Mixing accuracy ± 2%

Mixing ratio 0,1:1 – 20:1

Material pressure 4,0 MPa, 40 bar, 580 PSI

Max. material pressure 0,5 MPa, 5 bar, 73 PSI at pump inlet

Hose connection, paint section G 1/4"

Material outlet thread 1/2

Material temperature 5 – 60 °C, 41.0 – 140.0 °F

Air inlet pressure 0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI

Air inlet G 1/2"

Operating pressure 4,0 MPa, 40 bar, 580 PSI

Volumetric flow at a 1:1 mixing ratio (max.) 3.6 l/min

Volumetric flow at a 4:1 mixing ratio (max.) 2.3 l/min

Volumetric flow at a 10:1 mixing ratio (max.) 2 l/min

Volumetric flow at a 20:1 mixing ratio (max.) 1.9 l/min

Ambient temperature 5 – 40 °C, 41 – 104 °F

Material pH 5,0 – 9,0 pH

CE

TwinControl 5-60**BASIC UNITS**

Pump for component A	Pump for component B	Flushing pump	Energy supply system	Holder/mount	Item no.
EvoMotion 5-60S	EvoMotion 5-60S	EvoMotion 5-60S Turbine	Stand	393172	
EvoMotion 5-60S	EvoMotion 5-60S	EvoMotion 5-60S Cable	Stand	393176	
EvoMotion 5-60S	EvoMotion 5-60S	EvoMotion 5-60S Turbine	Wall	393177	
EvoMotion 5-60S	EvoMotion 5-60S	EvoMotion 5-60S Cable	Wall	393178	

Feeding

Mixing

Applying

Control

Moving

Booths

TwinControl 5-60 - Accessories

Feeding

Mixing

Applying

Control

Moving

Booths



TwinControl 5-60 - Accessories

TwinControl 5-60	
1 Suction system	
Suction hose NW 13	97073
Top reservoir 5 L	367045
Flex suction hose DN25-M36x2-E90°	367140
2 Heater	
Heater-set A,B TC bis 35-150	2303255
3 External Mixers	
External mixer pneumatic NW2.6 / NW6KS	2306526
4 Material pressure regulators	
Material pressure regulator inox	T0170.00BI
MPR 40/0,5-5bar man. SSt	T0170.00AI4
5 Other accessories	
TC-Gun distributor	2306085
Connection kit GFB	2302563
Sp external horn	2312343
Remote Control assy. TwinControl	2308874
Data Track TwinControl V3	2309015

Feeding

Mixing

Applying

Moving

Booths

TwinControl 18-40/18-40

CE

Feeding

Mixing

Applying

Control

Moving

Booths



PROCESSABLE MATERIALS

- 2K water-based primer
- 2K solvent-based primer
- 2K PUR primer
- 2K PUR paints
- Adhesive

APPLICATION AREAS

- Wood industry
- Furniture industry
- Woodworking industry
- Metal industry

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Hard chrome
- Packing PE/TG

TECHNICAL DATA

Input voltage (for unit with electric cable connection)	115 – 230 V
Input frequency (for unit with electric cable connection)	50 – 60 Hz
Mixing accuracy	± 2%
Mixing ratio	0,1:1 – 20:1
Material pressure	14,4 MPa, 144 bar, 2089 PSI
Max. material pressure at pump inlet	0,5 MPa, 5 bar, 73 PSI
Hose connection, paint section	NPSM 1/4"
Material outlet thread	1/2
Material temperature	5 – 60 °C, 41.0 – 140.0 °F
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Air inlet	G 1/2"
Operating pressure	14,4 MPa, 144 bar, 2089 PSI
Volumetric flow at a 1:1 mixing ratio (max.)	2.4 l/min
Volumetric flow at a 4:1 mixing ratio (max.)	1.5 l/min
Volumetric flow at a 10:1 mixing ratio (max.)	1.3 l/min
Volumetric flow at a 20:1 mixing ratio (max.)	1.2 l/min
Ambient temperature	5 – 40 °C, 41 – 104 °F
Material pH	5,0 – 9,0 pH

CE

TwinControl 18-40/18-40**BASIC UNITS**

Pump for component A	Pump for component B	Flushing pump	Energy supply system	Holder/mount	Item no.
Wildcat 18-40	Wildcat 18-40	Wildcat 18-40	Turbine	Wall	393124
Wildcat 18-40	Wildcat 18-40	Wildcat 18-40	Cable	Wall	393125
Wildcat 18-40	Wildcat 18-40	Wildcat 18-40	Turbine	Stand	393126
Wildcat 18-40	Wildcat 18-40	Wildcat 18-40	Cable	Stand	393127

Feeding

Mixing

Applying

Control

Moving

Booths

TwinControl 28-40/28-40

CE

Feeding

Mixing

Applying

Control

Moving

Booths



PROCESSABLE MATERIALS

- 2K water-based primer
- 2K solvent-based primer
- 2K PUR primer
- 2K PUR paints
- Adhesive

APPLICATION AREAS

- Furniture industry
- Kitchen industry
- Wood industry
- Metal industry

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Hard chrome
- Packing PE/TG

TECHNICAL DATA

Input voltage (for unit with electric cable connection)	115 – 230 V
Input frequency (for unit with electric cable connection)	50 – 60 Hz
Mixing accuracy	± 2%
Mixing ratio	0,1:1 – 20:1
Material pressure	22,4 MPa, 224 bar, 3249 PSI
Max. material pressure at pump inlet	0,5 MPa, 5 bar, 73 PSI
Hose connection, paint section	NPSM 1/4"
Material temperature	5 - 60 °C, 41.0 - 140.0 °F
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Air inlet	G 1/2"
Volumetric flow at a 1:1 mixing ratio (max.)	2,4 l/min
Volumetric flow at a 4:1 mixing ratio (max.)	1,5 l/min
Volumetric flow at a 10:1 mixing ratio (max.)	1,3 l/min
Volumetric flow at a 20:1 mixing ratio (max.)	1,2 l/min
Ambient temperature	5 – 40 °C, 41 – 104 °F
Material pH	5,0 – 9,0 pH

CE

TwinControl 28-40/28-40**BASIC UNITS**

Pump for component A	Pump for component B	Flushing pump	Energy supply system	Holder/mount	Item no.
Puma 28-40	Puma 28-40	Puma 28-40	Turbine	Wall	393128
Puma 28-40	Puma 28-40	Puma 28-40	Cable	Wall	393129
Puma 28-40	Puma 28-40	Puma 28-40	Turbine	Stand	393130
Puma 28-40	Puma 28-40	Puma 28-40	Cable	Stand	393131

Feeding

Mixing

Applying

Control

Moving

Booths

TwinControl 35-70/35-70



PROCESSABLE MATERIALS

- 2K water-based primer
- 2K solvent-based primer
- 2K PUR primer
- 2K PUR paints
- 2K epoxy primer
- 2K epoxy paints
- 2K high solid primer
- 2K high solid paints

APPLICATION AREAS

- Metal industry
- Steel industry
- Wood industry
- Furniture industry

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Hard chrome
- Packing PE/TG

TECHNICAL DATA

Input voltage (for unit with electric cable connection)	115 – 230 V
Input frequency (for unit with electric cable connection)	50 – 60 Hz
Mixing accuracy	± 2%
Mixing ratio	0,1:1 – 20:1
Material pressure	25,0 MPa, 250 bar, 3626 PSI
Max. material pressure at pump inlet	0,5 MPa, 5 bar, 73 PSI
Hose connection, paint section	NPSM 1/4"
Material temperature	5 – 60 °C, 41.0 – 140.0 °F
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Air inlet	G 1/2"
Volumetric flow at a 1:1 mixing ratio (max.)	4,2 l/min
Volumetric flow at a 4:1 mixing ratio (max.)	2,6 l/min
Volumetric flow at a 10:1 mixing ratio (max.)	2,3 l/min
Volumetric flow at a 20:1 mixing ratio (max.)	2,2 l/min
Ambient temperature	5 – 40 °C, 41 – 104 °F
Material pH	5,0 – 9,0 pH

CE

TwinControl 35-70/35-70**BASIC UNITS**

Pump for component A	Pump for component B	Flushing pump	Energy supply system	Holder/mount	Item no.
Leopard 35-70	Leopard 35-70	Puma 28-40	Turbine	Stand	393134
Leopard 35-70	Leopard 35-70	Puma 28-40	Cable	Stand	393135
Leopard 35-70	Leopard 35-70	Puma 28-40	Turbine	Wall	393132
Leopard 35-70	Leopard 35-70	Puma 28-40	Cable	Wall	393133

Feeding

Mixing

Applying

Control

Moving

Booths

TwinControl - Accessories

Feeding

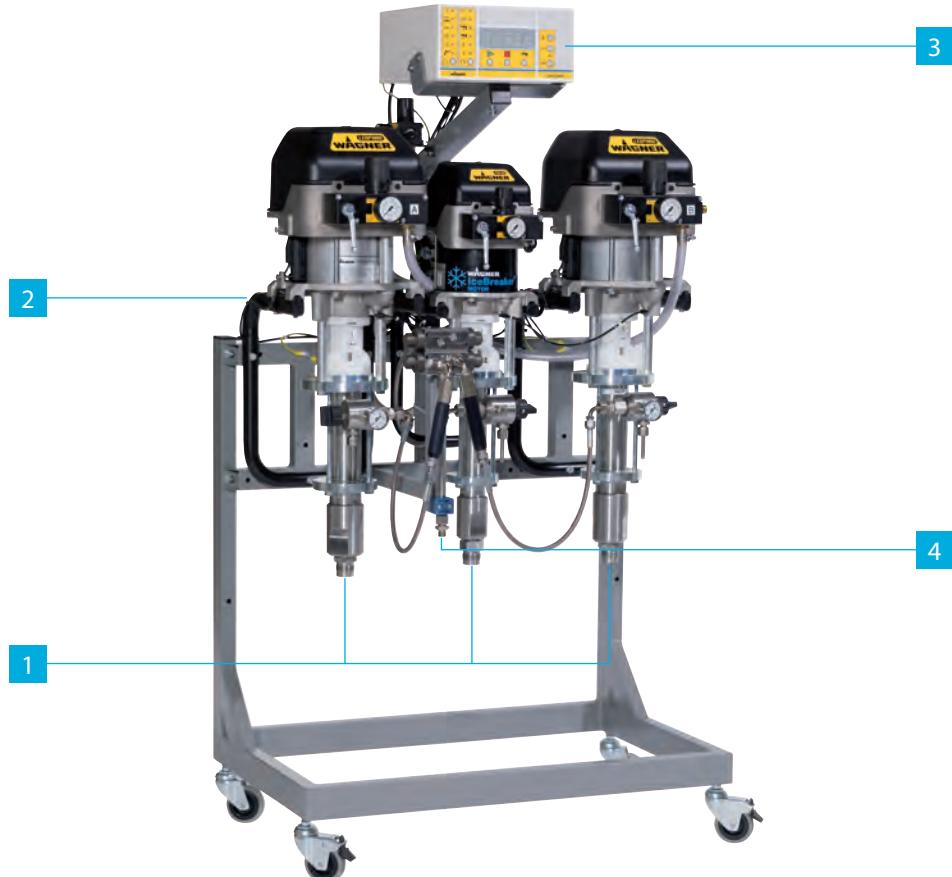
Mixing

Applying

Control

Moving

Booths



TwinControl - Accessories

	TwinControl 18-40/18-40	TwinControl 28-40/28-40	TwinControl 35-70/35-70
1 Suction system			
Suction hose NW 13	97073	97073	-
Top reservoir 5 L	367045	367045	-
Flex suction hose DN25-M36x2-E90°	367140	367140	367140
2 Heater			
Heater-set A,B TC bis 35-150	-	-	2303255
3 External Mixers			
External mixer pneumatic NW2.6 / NW6KS	2306526	2306526	2306526
External mixer manuel NW8 / NW10SS	-	-	2307030
External mixer pneumatic NW2.6 / NW10GXP	-	-	2307749
Circulation mixer NW8 external	-	-	2307031
4 Other accessories			
TC-Gun distributor	2306085	2306085	-
Connection kit GFB	2302563	2302563	2302563
Sp external horn	2312343	2312343	2312343
Remote Control assy. TwinControl	2308874	2308874	2308874
Data Track TwinControl V3	2309015	2309015	2309015

Feeding

Mixing

Applying

Moving

Booths

TwinControl 35-150/35-70

CE

Feeding

Mixing

Applying

Control

Moving

Booths



PROCESSABLE MATERIALS

- 2K water-based primer
- 2K solvent-based primer
- 2K PUR primer
- 2K PUR paints
- 2K epoxy primer
- 2K epoxy paints
- 2K high solid primer
- 2K high solid paints

APPLICATION AREAS

- Metal industry
- Steel industry
- Furniture industry
- Wood industry

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Hard chrome
- Packing PE/TG

TECHNICAL DATA

Input voltage (for unit with electric cable connection) 115 – 230 V

Input frequency (for unit with electric cable connection) 50 – 60 Hz

Mixing accuracy ± 2%

Mixing ratio 0,1:1 – 20:1

Material pressure 25,0 MPa, 250 bar,
3626 PSI

Max. material pressure 0,5 MPa, 5 bar, 73 PSI
at pump inlet

Hose connection, paint section NPSM 3/8"

Material temperature 5 - 60 °C, 41.0 - 140.0 °F

Air inlet pressure 0,6 – 0,8 MPa, 6,0 – 8,0
bar, 87 – 116 PSI

Air inlet G 1/2"

Volumetric flow 6.6 l/min
at a 1:1 mixing ratio (max.)

Volumetric flow 5 l/min
at a 4:1 mixing ratio (max.)

Volumetric flow 4.7 l/min
at a 10:1 mixing ratio (max.)

Volumetric flow 4.6 l/min
at a 20:1 mixing ratio (max.)

Ambient temperature 5 – 40 °C, 41 – 104 °F

Material pH 5,0 – 9,0 pH

CE

TwinControl 35-150/35-70**BASIC UNITS**

Pump for component A	Pump for component B	Flushing pump	Energy supply system	Holder/mount	Item no.
Leopard 35-150	Leopard 35-70	Puma 28-40	Turbine	Stand	393137
Leopard 35-150	Leopard 35-70	Puma 28-40	Cable	Stand	393138
Leopard 35-150	Leopard 35-70	Puma 28-40	Turbine	Trolley	393139
Leopard 35-150	Leopard 35-70	Puma 28-40	Cable	Trolley	393140

Feeding

Mixing

Applying

Control

Moving

Booths

TwinControl 48-110/48-110



PROCESSABLE MATERIALS

- 2K water-based primer
- 2K solvent-based primer
- 2K PUR primer
- 2K PUR paints
- 2K epoxy primer
- 2K epoxy paints
- 2K high solid primer
- 2K high solid paints

APPLICATION AREAS

- Commercial vehicle industry
- Agricultural machinery industry
- Bus industry
- Container industry
- Transportation industry
- Metal industry
- Steel industry

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Hard chrome
- Packing PE/TG

TECHNICAL DATA

Input voltage (for unit with electric cable connection) 115 – 230 V

Input frequency (for unit with electric cable connection) 50 – 60 Hz

Mixing accuracy ± 2%

Mixing ratio 0,1:1 – 20:1

Material pressure 37,0 MPa, 370 bar, 5366 PSI

Max. material pressure at pump inlet 0,5 MPa, 5 bar, 73 PSI

Hose connection, paint section NPSM 3/8"

Material temperature 5 – 60 °C, 41.0 – 140.0 °F

Air inlet pressure 0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI

Air inlet G 1/2"

Volumetric flow 6.6 l/min
at a 1:1 mixing ratio (max.)

Volumetric flow 4.1 l/min
at a 4:1 mixing ratio (max.)

Volumetric flow 3.6 l/min
at a 10:1 mixing ratio (max.)

Volumetric flow 3.4 l/min
at a 20:1 mixing ratio (max.)

Ambient temperature 5 – 40 °C, 41 – 104 °F

Material pH 5,0 – 9,0 pH

€

TwinControl 48-110/48-110**BASIC UNITS**

Pump for component A	Pump for component B	Flushing pump	Energy supply system	Holder/mount	Item no.
Leopard 48-110	Leopard 48-110	-	Turbine	Trolley	393141
Leopard 48-110	Leopard 48-110	-	Cable	Trolley	393142
Leopard 48-110	Leopard 48-110	-	Turbine	Stand	393143
Leopard 48-110	Leopard 48-110	-	Cable	Stand	393144
Leopard 48-110	Leopard 48-110	Puma 28-40	Turbine	Stand	393146
Leopard 48-110	Leopard 48-110	Puma 28-40	Cable	Stand	393147
Leopard 48-110	Leopard 48-110	Puma 28-40	Turbine	Trolley	393148
Leopard 48-110	Leopard 48-110	Puma 28-40	Cable	Trolley	393149

SPRAYPACKS

TwinControl 48-110 AB Turbine Trolley SP	393145
■ TwinControl 48-110 AB turbine trolley	393141
■ Flex suction hose DN25-M36x2-E90°	367140
■ HP-Hose-DN10-PN530-3/8"NPS-15,0m-PA	9987118
■ HP-Hose-DN6-PN530-1/4"NPS-1,5m-PA	9987117
■ Airless gun G-15	347001
■ Wagner Profi Tip HP "F" reversing switch	1006003
■ Nozzle Wagner Profi Tip HP 521	1006521
■ Fitting-DF-MM-3/8"NPS-1/4"NPS-PN530-SSt	367561

Feeding

Mixing

Applying

Control

Moving

Booths

TwinControl - Accessories

Feeding

Mixing

Applying

Control

Moving

Booths



TwinControl - Accessories

		TwinControl 35-150/35-70	TwinControl 48-110/48-110
1	Suction system		
	Flex suction hose DN25-M36x2-E90°	367140	367140
2	Heater		
	Heater-set A,B TC bis 35-150	2303255	-
	Heater-set A TC 48-110 to 75-150	-	2302813
	Heater-set B TC 48-110 to 75-150	-	2302461
3	External Mixers		
	External mixer manuel NW8 / NW10SS	2307030	2307030
	External mixer pneumatic NW2.6 / NW6KS	2306526	-
	External mixer pneumatic NW2.6 / NW10GXP	2307749	-
	Circulation mixer NW8 external	2307031	2307031
4	Other accessories		
	Connection kit GFB	2302563	2302563
	Sp external horn	2312343	2312343
	Remote Control assy. TwinControl	2308874	2308874
	Data Track TwinControl V3	2309015	2309015

Feeding

Mixing

Applying

Control

Moving

Booths

TwinControl 75-150/75-150



PROCESSABLE MATERIALS

- 2K water-based primer
- 2K solvent-based primer
- 2K PUR primer
- 2K PUR paints
- 2K epoxy primer
- 2K epoxy paints
- 2K high solid primer
- 2K high solid paints

APPLICATION AREAS

- Corrosion protection
- Steel industry
- Agricultural machinery industry
- Container industry
- Transportation industry
- Offshore industry

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Hard chrome
- Packing PE/TG

TECHNICAL DATA

Input voltage (for unit with electric cable connection)	115 – 230 V
Input frequency (for unit with electric cable connection)	50 – 60 Hz
Mixing accuracy	± 2%
Mixing ratio	0,1:1 – 10:1
Material pressure	53,0 MPa, 530 bar, 7687 PSI
Max. material pressure at pump inlet	0,5 MPa, 5 bar, 73 PSI
Hose connection, paint section	NPSM 3/8"
Material temperature	5 – 60 °C, 41.0 – 140.0 °F
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Air inlet	G 1"
Volumetric flow at a 1:1 mixing ratio (max.)	9 l/min
Volumetric flow at a 4:1 mixing ratio (max.)	5.6 l/min
Volumetric flow at a 10:1 mixing ratio (max.)	4.9 l/min
Volumetric flow at a 20:1 mixing ratio (max.)	0 l/min
Ambient temperature	5 – 40 °C, 41 – 104 °F
Material pH	5,0 – 9,0 pH

CE

TwinControl 75-150/75-150**BASIC UNITS**

Pump for component A	Pump for component B	Flushing pump	Energy supply system	Holder/mount	Item no.
Jaguar 75-150	Jaguar 75-150	Leopard 35-70	Turbine	Stand	393150
Jaguar 75-150	Jaguar 75-150	Leopard 35-70	Cable	Stand	393151
Jaguar 75-150	Jaguar 75-150	Leopard 35-70	Turbine	Trolley	393152
Jaguar 75-150	Jaguar 75-150	Leopard 35-70	Cable	Trolley	393153

Feeding

Mixing

Applying

Control

Moving

Booths

TwinControl 72-300/75-150



PROCESSABLE MATERIALS

- 2K water-based primer
- 2K solvent-based primer
- 2K PUR primer
- 2K PUR paints
- 2K epoxy primer
- 2K epoxy paints
- 2K high solid primer
- 2K high solid paints

TECHNICAL DATA

Input voltage (for unit with electric cable connection) 115 – 230 V

Input frequency (for unit with electric cable connection) 50 – 60 Hz

Mixing accuracy ± 2%

Mixing ratio 0,1:1 – 10:1

Material pressure 53,0 MPa, 530 bar,
7687 PSI

Max. material pressure 0,5 MPa, 5 bar, 73 PSI
at pump inlet

Hose connection, paint section NPSM 3/8"

Material temperature 5 – 60 °C, 41.0 – 140.0 °F

Air inlet pressure 0,6 – 0,8 MPa, 6,0 – 8,0
bar, 87 – 116 PSI

Air inlet G 1"

Volumetric flow 13.5 l/min
at a 1:1 mixing ratio (max.)

Volumetric flow 10.1 l/min
at a 4:1 mixing ratio (max.)

Volumetric flow 9.5 l/min
at a 10:1 mixing ratio (max.)

Volumetric flow 0 l/min
at a 20:1 mixing ratio (max.)

Ambient temperature 5 – 40 °C, 41 – 104 °F

Material pH 5,0 – 9,0 pH

APPLICATION AREAS

- Heavy duty corrosion protection
- Metal industry
- Agricultural machinery industry
- Construction machinery industry
- Offshore industry
- Shipbuilding industry

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Hard chrome
- Packing PE/TG

CE

TwinControl 72-300/75-150**BASIC UNITS**

Pump for component A	Pump for component B	Flushing pump	Energy supply system	Holder/mount	Item no.
Tiger 72-300	Jaguar 75-150	Leopard 35-70	Turbine	Stand	393154
Tiger 72-300	Jaguar 75-150	Leopard 35-70	Cable	Stand	393155
Tiger 72-300	Jaguar 75-150	Leopard 35-70	Turbine	Trolley	393156
Tiger 72-300	Jaguar 75-150	Leopard 35-70	Cable	Trolley	393157

Feeding

Mixing

Applying

Control

Moving

Booths

TwinControl 72-300/72-300

CE

Feeding

Mixing

Applying

Control

Moving

Booths



PROCESSABLE MATERIALS

- 2K water-based primer
- 2K solvent-based primer
- 2K PUR primer
- 2K PUR paints
- 2K epoxy primer
- 2K epoxy paints
- 2K high solid primer
- 2K high solid paints

APPLICATION AREAS

- Heavy duty corrosion protection
- Construction machinery industry
- Building industry
- Offshore industry
- Shipbuilding industry

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Hard chrome
- Packing PE/TG

TECHNICAL DATA

Input voltage (for unit with electric cable connection) 115 – 230 V

Input frequency (for unit with electric cable connection) 50 – 60 Hz

Mixing accuracy ± 2%

Mixing ratio 0,1:1 – 10:1

Material pressure 53,0 MPa, 530 bar, 7687 PSI

Max. material pressure 0,5 MPa, 5 bar, 73 PSI at pump inlet

Hose connection, paint section NPSM 3/8"

Material temperature 5 - 60 °C, 41.0 - 140.0 °F

Air inlet pressure 0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI

Air inlet G 1"

Volumetric flow 18 l/min at a 1:1 mixing ratio (max.)

Volumetric flow 11.2 l/min at a 4:1 mixing ratio (max.)

Volumetric flow 9.9 l/min at a 10:1 mixing ratio (max.)

Volumetric flow 0 l/min at a 20:1 mixing ratio (max.)

Ambient temperature 5 – 40 °C, 41 – 104 °F

Material pH 5,0 – 9,0 pH

CE

TwinControl 72-300/72-300**BASIC UNITS**

Pump for component A	Pump for component B	Flushing pump	Energy supply system	Holder/mount	Item no.
Tiger 72-300	Tiger 72-300	Leopard 35-70	Turbine	Stand	393158
Tiger 72-300	Tiger 72-300	Leopard 35-70	Cable	Stand	393159
Tiger 72-300	Tiger 72-300	Leopard 35-70	Turbine	Trolley	393160
Tiger 72-300	Tiger 72-300	Leopard 35-70	Cable	Trolley	393161

Feeding

Mixing

Applying

Control

Moving

Booths

TwinControl - Accessories

Feeding

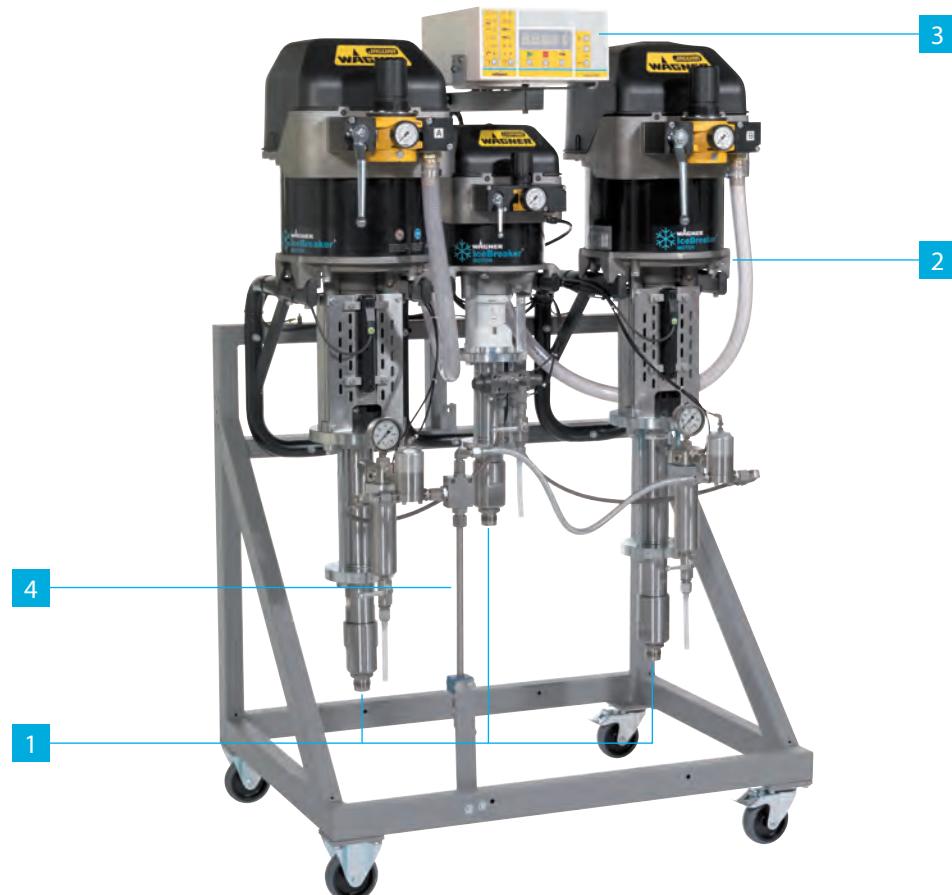
Mixing

Applying

Control

Moving

Booths



TwinControl - Accessories

	TwinControl 75-150/75-150	TwinControl 72-300/75-150	TwinControl 72-300/72-300
1 Suction system			
Flex suction hose DN25-M36x2-E90°	367140	367140	367140
Flex suction hose DN38-G1½"-E90°	-	369959	369959
2 Heater			
Heater-set A TC 48-110 to 75-150	2302813	-	-
Heater-set B TC 48-110 to 75-150	2302461	-	-
Heater set A TC 72-300	-	2303256	2303256
Heater set A TC 72-300 twin	-	2303278	2303278
Heater-set B TC Tiger	-	2303257	2303257
3 Connection kit GFB			
Connection kit GFB	2302653	2302563	2302563
4 External Mixers			
External mixer manuel NW8 / NW10SS	2307030	2307030	2307030
Circulation mixer NW8 external	2307031	2307031	2307031
5 Other accessories			
Connection kit GFB	2302563	2302563	2302563
Sp external horn	2312343	2312343	2312343
Remote Control assy. TwinControl	2308874	2308874	2308874
Data Track TwinControl V3	2309015	2309015	2309015

Feeding

Mixing

Applying

Moving

Booths

FlexControl plus

FlexControl plus represents the advanced solution for high precision mixing and colour change requirements. The unit offers virtually unlimited possibilities in the use, application and integration of peripheral equipment (Robot, conveyors, automatic line). Gear flow meter technology as well as mass flow meter (Coriolis) ensure high process reliability. With 100 storable recipes and 11 individually programmable flushing programs, the FlexControl plus provide the highest flexibility.





FlexControl plus



TECHNICAL DATA

Input voltage	115 – 230 V
Input frequency	50 – 60 Hz
Mixing accuracy	± 1%
Mixing ratio	0,1:1 – 50:1
Material pressure	0,1 – 27,0 MPa, 1 – 270 bar, 15 – 3916 PSI
Material inlet	M 16x1,5
Material outlet	M 16x1,5
Material temperature	5 – 40 °C, 41.0 – 104.0 °F
Material viscosity	20 – 3000 mPas
Delivery rate	0,1 – 3,0 l/min, 0.00 – 0.11 cfm
Ambient temperature	5 – 40 °C, 41 – 104 °F
Component A	1 – 25
Component B	1 – 10
Component C	1 – 10
Component D	1 – 10
Flushing fluid A	1 – 10
Flushing fluid B	1 – 5
Flushing fluid C	1 – 5
Flushing fluid D	1 – 5
Weight	60,0 kg, 132.3 lb
Sound level of alarm	110 dB(A)
Material pH	3,5 – 9,0 pH
Depth	340 mm, 13.4 in

PROCESSABLE MATERIALS

- Solvent-based 2K, 3K and 4K paints and adhesives
- Water-based 2K, 3K and 4K paints and adhesives

APPLICATION AREAS

- Plastics industry
- Furniture industry
- Railway industry
- Machine industry
- Metal industry
- Commercial vehicle industry
- Agricultural machinery industry

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Teflon
- POM
- Viton

INCLUDED ITEMS

- A user manual, spare parts catalog and software documentation are included.

ORDERING INFORMATION

- The product family of FlexControl mixing systems is highly adaptable to different requirements. Your authorized Wagner partner can individually configure the system using configuration software in the Wagner InfoNet and will be happy to advise you.

FlexControl plus



Product variants



Model	FlexControl plus	FlexControl plus Ex
ATEX classification		II 2 G

ORDERING INFORMATION

FlexControl plus

The system can be equipped with the following options:	Not Ex	Fluid section Ex
Two-circuit system	Yes	Yes
Three-component dosing system	Yes	Yes
Four-component dosing system	Yes	Yes
Automatic dosing system	Yes	Yes
Alarm horn in Ex design for booth	Yes	Yes
Control for gun flush box	Yes	Yes
Barcode reader for order numbers	Yes	Yes
Up to 4 guns with separate pot life control	Yes	Yes
Dump valve control	Yes	Yes
Dump valve control with dump valve flushing	Yes	Yes
Electronic pressure regulation per recipe	For LP	For LP
Esta version (insulated fluid section)	Yes	Yes
External mixer	Yes	Yes
External signal for system enable	Yes	Yes
Remote control (Ex) with recipe control	Yes	Yes
Remote control (Ex) without recipe control	Yes	Yes
Air-solvent flushing	For LP	For LP
Bleb control	For LP	For LP
Mass flow meter (coriolis)	Yes	Yes
PC data archiving	Yes	Yes
Gun control for up to 4 guns	Yes	Yes
Robot communication	Yes	Yes

**FlexControl plus****FlexControl plus**

Safety equipment for 4 ES automatic guns	Yes	Yes
Safety equipment for 4 ES hand guns	Yes	Yes
Teleservice	Yes	Yes
Circulation connections	Yes	Yes

Feeding

Mixing

Applying

Control

Moving

Booths

FlexControl plus XL

FlexControl Plus XL is extremely powerful and designed for high volume flow rates and the use of multiple guns. With a working pressure up to 400 bar, this unit covers a very wide spectrum of use for manual or automatic applications in terms of the materials applied. The control and fluid cabinets are separate. This allows the unit to stay close to the point of application and keeps the loss of material to a minimum during flushing operations.

High efficiency
The control cabinet and fluid cabinet are separated to shorten the distances to the application locations and keep material losses during flushing to a minimum.

Very high accuracy

- Siemens PLC controller
- Recipe memory for up to 20 colors and 5 hardeners
- Individually programmable flushing programs
- Monitoring of the mixing process
- VOC monitoring

Wide range of applications
FlexControl plus XL is suitable for 2K, 3K and 4K materials as well as high and low pressure applications (up to 400 bar).

Very simple handling
4" flat screen with a touchscreen for entering and monitoring all functions. The device enables a rapid and simple color change.



Perfect flexibility
Two independent fluid and mixing circuits (e.g. solvent- and water-based paints) enable a wide range of applications.

Connection port for one gun flushing unit





FlexControl plus XL



TECHNICAL DATA

Input voltage	115 – 230 V
Input frequency	50 – 60 Hz
Mixing accuracy	± 1%
Mixing ratio	0,1:1 – 50:1
Material pressure	0,1 – 40,0 MPa, 1 – 400 bar, 15 – 5802 PSI
Material inlet	M 16x1,5
Material outlet	M 16x1,5
Material temperature	5 – 40 °C, 41.0 – 104.0 °F
Material viscosity	20 – 10000 mPas
Delivery rate	0,1 – 25,0 l/min, 0.00 – 0.88 cfm
Ambient temperature	5 – 40 °C, 41 – 104 °F
Component A	1 – 25
Component B	1 – 10
Component C	1 – 10
Component D	1 – 10
Flushing fluid A	1 – 10
Flushing fluid B	1 – 5
Flushing fluid C	1 – 5
Flushing fluid D	1 – 5
Weight	180,0 kg, 396.9 lb
Sound level of alarm	110 dB(A)
Material pH	3,5 – 9,0 pH
Height	1150 mm, 45.3 in
Depth	340 mm, 13.4 in

PROCESSABLE MATERIALS

- Solvent-based 2K, 3K and 4K paints and adhesives
- Water-based 2K, 3K and 4K paints and adhesives

APPLICATION AREAS

- Plastics industry
- Furniture industry
- Railway industry
- Machine industry
- Metal industry
- Commercial vehicle industry
- Agricultural machinery industry

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Teflon
- POM
- Viton

INCLUDED ITEMS

- The user manual, the spare parts catalog and software documentation are included.

ORDERING INFORMATION

- The product family of FlexControl mixing systems is highly adaptable to different requirements. Your authorized Wagner partner can individually configure the system using configuration software in the Wagner InfoNet and will be happy to advise you.

Feeding

Mixing

Applying

Control

Moving

Booths

Product variants



Model	FlexControl plus XL	FlexControl plus XL Ex
ATEX classification	II 2 G	II 2 G

ORDERING INFORMATION

FlexControl plus XL

The system can be equipped with the following options: Not Ex Fluid section Ex

Two-circuit system	On request	On request
Three-component dosing system	Yes	Yes
Four-component dosing system	On request	On request
Automatic dosing system	Yes	Yes
Alarm horn in Ex design for booth	Yes	Yes
Control for gun flush box	Yes	Yes
Barcode reader for order number	Yes	Yes
Up to 4 guns with separate pot life control	Yes	Yes
Dump valve control	Yes	Yes
Dump valve control with dump valve flushing	Yes	Yes
Electronic pressure regulation per recipe	For LP	For LP
External mixer	Yes	Yes
External signal for system enable	Yes	Yes
Remote control (Ex) with recipe control	Yes	Yes
Remote control (Ex) without recipe control	Yes	Yes
Air-solvent flushing	For LP	For LP
Bleb control	For LP	For LP
Mass flow meter (coriolis)	Yes	Yes
PC data archiving	Yes	Yes
Gun control for up to 4 guns	Yes	Yes
Robot communication	Yes	Yes
Safety equipment for 4 ES automatic guns	Yes	Yes
Safety equipment for 4 ES hand guns	Yes	Yes
Teleservice	Yes	Yes
Circulation connections	Yes	Yes

Notes

Fördern

Mischen

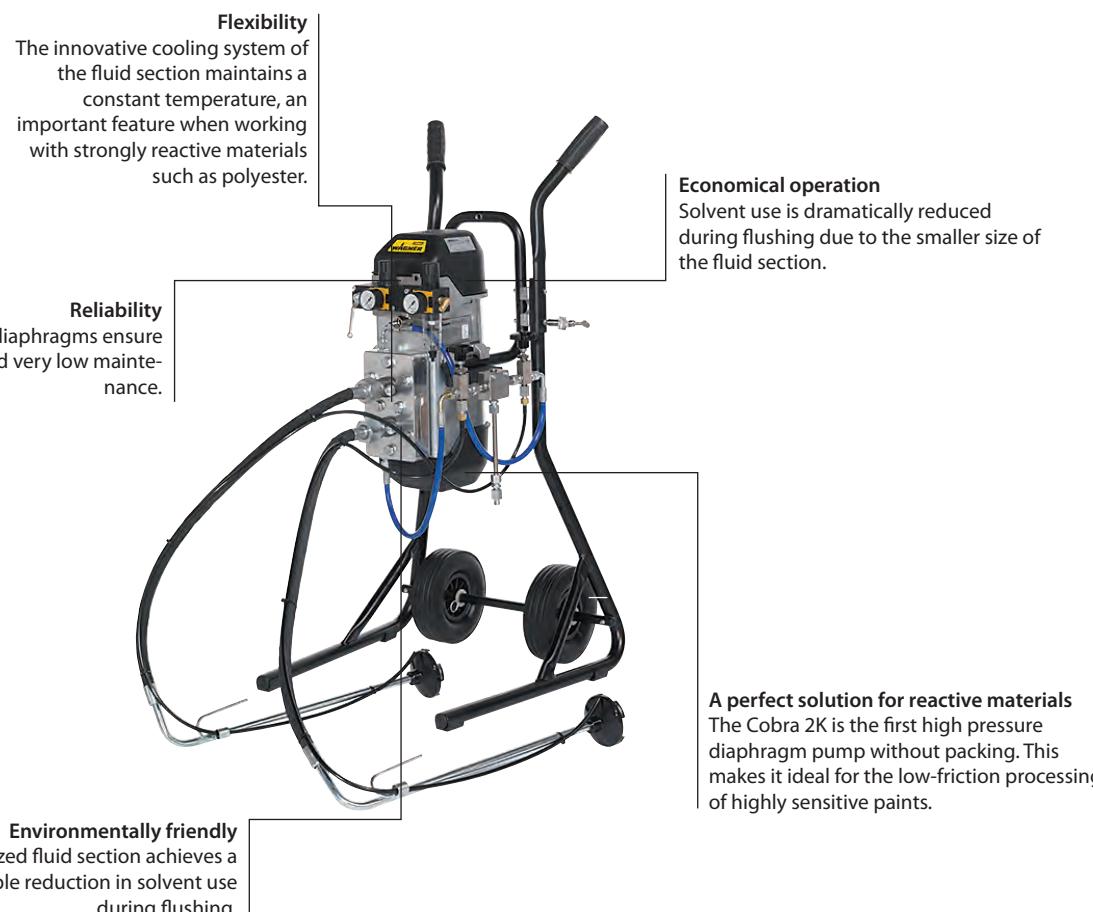
Applizieren

Steuern

Bewegen

Cobra 2K

Cobra 2K is an innovative high pressure double diaphragm pump for 2K materials with 1:1 mixing ratio. Cobra give the lowest level of pulsation compared to other pump technologies. Cobra 2K operate without friction and therefore is possible to mix and apply reactive 2K materials without any problem. In comparison with traditional 2K piston and bellows pumps, Cobra 2K ensures drastic reduction in solvent consumption and in maintenance costs.





Cobra 2K



TECHNICAL DATA

Mixing accuracy	$\pm 10\%$
Pump ratio	40 :1
Hose connection, paint section	G 1/4"
Material temperature	10 - 80 °C, 50.0 - 176.0 °F
Air inlet pressure	0,3 - 0,6 MPa, 2,5 - 6,0 bar, 36 - 87 PSI
Air inlet	G 1/2"
Operating pressure	25,0 MPa, 250 bar, 3626 PSI
Max. stroke rate	200 DS/min
Volumetric flow per double stroke	10 cm ³ /DS, 0,61 in ³ /DH
Fixed mixing ratio	1:1
Ambient temperature	10 - 60 °C, 50 - 140 °F
Weight	36,0 kg, 79.4 lb
Max. sound level	74 dB(A)
Material pH	3,5 - 9,0 pH
Allowable inclination	$\pm 10^\circ$
Min. air inlet Ø	13 mm, 0.5 in

PROCESSABLE MATERIALS

- Polyester

APPLICATION AREAS

- Wood industry
- Woodworking industry
- Furniture industry
- Kitchen industry

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- Consistal
- Stainless steel 1.4104

BASIC UNITS

Description	Item no.
Cobra 2K on trolley	U850.00C
Cobra 2K on wall bracket	U850.00M
Cobra 2K on base frame	U850.00S

Feeding

Mixing

Applying

Control

Moving

Booths



WAGNER Application Technology

Perfect application

The list of objects coated with WAGNER guns stretches from heavy lorry axles right up to children's toys, from exclusive pens right up to cranes. All WAGNER application processes are at the highest technical level. Perfect coating results at the same time as the greatest possible application efficiency in the widest range of applications and with a variety of different materials, are the result of years of development



Content

Manual guns	Page	Automatic guns	Page
Air atomization	192	Air atomization	262
AirCoat	212	AirCoat	278
Airless	226	Airless	286
Electrostatic	236	Electrostatic	296
		EvoBell	316

WAGNER application technologies

All WAGNER application processes are based on highly advanced technologies. Perfect coating results with a high application efficiency, in a wide range of different applications and materials, are the result of many years of development work and extensive practical experience.

Feeding

Mixing

Applying

Control

Moving

Booths



Air atomization

During air atomization, the atomization air flows out of a ring-shaped opening formed by a bore in the atomizer head (air cap) and the paint nozzle positioned centrically within it. The spray jet shape is controlled by flat jet (horn air) bores.



SupraCoat

WAGNER SupraCoat is based on HVLP technology. The low kinetic energy of the paint particles generates a very well-defined spray jet with very little overspray. With its optimized design, the SupraCoat gun produces an excellent surface finish and achieves an application efficiency of up to 85 %.



AirCoat

The AirCoat process is a combination of Airless and air atomization. It achieves an excellent surface finish, a high degree of efficiency and a high atomization power. A material pressure above approx. 60 bar (depending on the material) is generated by a piston or high pressure diaphragm pump.



Airless

The Airless process is an airless atomizing paint spray method. The material pressure can be regulated and reaches up to 530 bar. This is necessary for the atomization process and large quantities of material can be atomized.



Electrostatic

The paint particles are charged with a negative potential. The workpiece itself is grounded. The resulting force field draws the paint particles out of the workpiece, resulting in the so-called wrap-around effect. The atomization of the material can be achieved by means of the air atomizing process or AirCoat.



High-speed rotary atomisers

In this process, the paint to be atomized is directed into the rotating bell through a valve block and a material pipe. This process can achieve application efficiencies of over 90%, depending on the particular workpiece.

Selection Chart WAGNER application technology

The selection table supports you in finding the perfect air atomizing gun from WAGNER. If you have further questions, please contact your WAGNER specialist.

Application technologies

	Airspray High pressure	Airspray Med. pressure	Airspray Low pressure	Airspray SupraCoat	AirCoat	Airless	ESTA Airspray	ESTA AirCoat	EvoBell
	Without electrostatic						With electrostatic		
Transfer efficiency									
low	■	■	■	■	■	■	■	■	■
medium	□	■	■	■	■	■	■	■	■
high	□	□	□	■	□	□	■	■	■
extremely high	□	□	□	□	□	□	□	□	■
Surface quality									
functional	■	■	■	□	■	■	■	■	■
decorative	■	■	■	■	■	□	■	■	■
top finish	■	□	□	□	■	□	□	■	■
Film thickness									
very thin	■	■	■	■	□	□	■	■	■
thin	■	■	■	■	■	□	■	■	■
medium	□	□	□	□	■	■	□	□	□
thick	□	□	□	□	□	■	□	□	□
Working speed									
slow	■	■	■	■	■	■	■	■	■
medium	■	■	□	■	■	■	■	■	■
fast	□	□	□	□	□	■	□	□	□
very fast	□	□	□	□	□	■	□	□	□
Material of object									
plastic	■	■	■	■	□	□	□	■	■
metal	■	■	■	■	■	■	■	■	■
wood	■	■	■	■	■	□	□	□	□
Pump									
pressure pot	■	■	■	■	□	□	□	■	■
1:1 DD pumps (Zip)	■	■	■	■	□	□	□	■	■
Cobra	□	□	□	□	■	■	□	■	□
IceBreaker & EvoMotion HP pumps	□	□	□	□	■	■	□	□	□
IceBreaker LP pumps	■	■	■	■	□	□	□	■	■
Technologies									
manual	■	■	■	□	■	■	■	■	□
automatic	■	■	■	■	■	■	■	■	■
Max. viscosity									
thin [0 - 15]	■	■	■	■	■	■	■	■	■
medium [16 - 30]	■	□	□	■	■	■	■	■	■
thick [31 - 60]	■	□	□	□	■	■	■	□	□
very thick [61 - 100]	□	□	□	□	■	■	■	□	□
extremely thick (> 101)	□	□	□	□	□	■	□	□	□

Legend

- Extremely appropriate
- ▢ Very appropriate
- Not appropriate

Air atomization manual guns

You can use WALHTER PILOT guns to spray practically all coating materials. These include not only paints and lacquers but also adhesives, sealants and separating agents. The guns can be used within almost all industry and handcraft segments. In order to guarantee the highest quality and to save expensive coating material, WALHTER PILOT spray guns are usually available with a large variety of nozzle sizes. All guns are available as medium pressure, HVLP or HVLP Plus version. This guarantees extremely high transfer efficiency. So why not judge us by our results: the spraying quality, the material savings and our long-term contribution to environmental protection. Last but not least: we guarantee a parts availability for 10 years.

Feeding

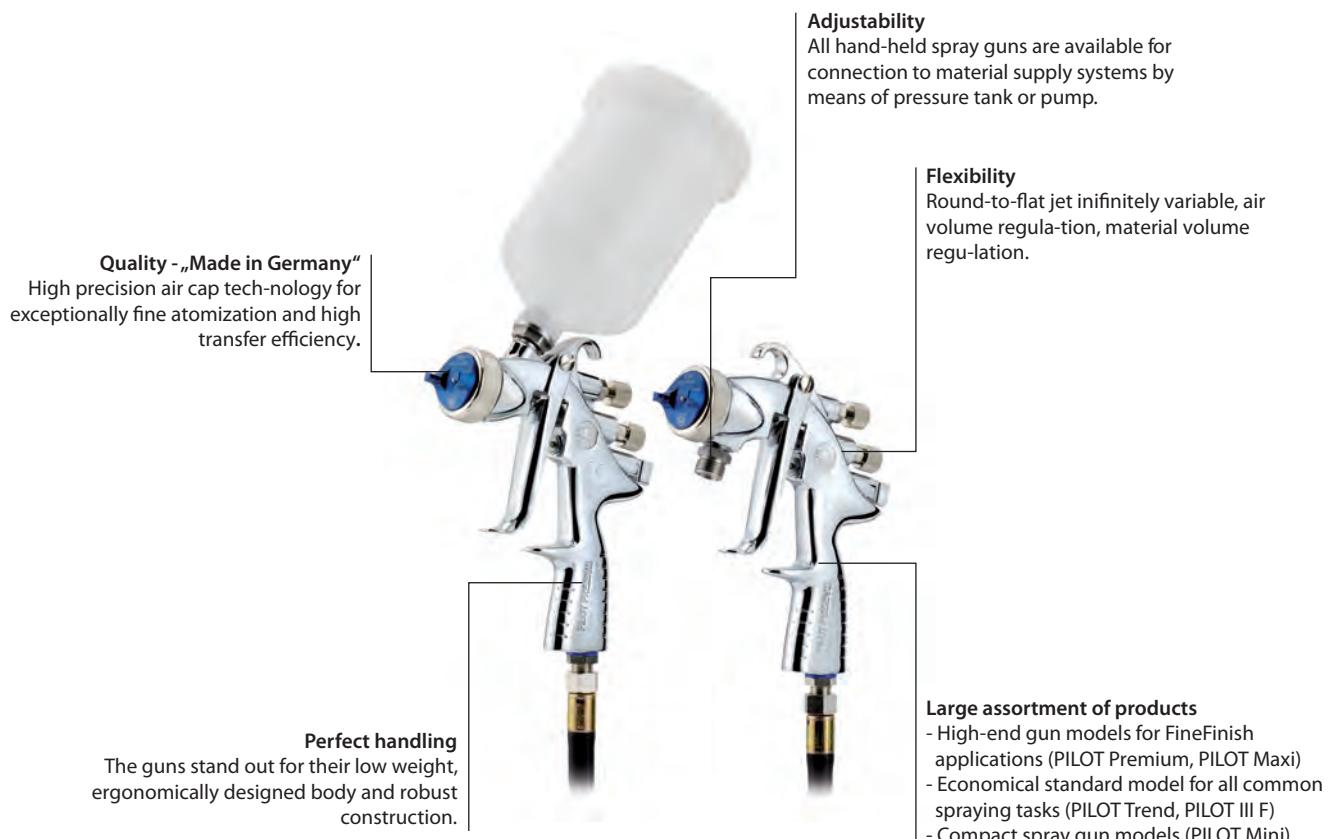
Mixing

Applying

Control

Moving

Booths



Selection table for air atomizing hand guns

The selection table supports you in finding the perfect manual air atomizing gun from WAGNER. If you have further questions, please contact your WAGNER specialist.

Air atomization manual guns	PILOT Premium	PILOT Trend	PILOT Maxi	PILOT Mini	PILOT III F
Gun Body Surface					
chrome-plated	■	□	□	□	□
nickel-plated	□	■	□	□	□
plastics	□	□	■	■	□
PTFE	□	□	□	□	■
Pressure Range					
conventional	■	■	■	■	■
HVLP plus	■	□	□	□	□
MP	□	■	■	■	■
HVLP	■	□	■	□	□
Material Connection					
material connection	■	■	■	■	■
gravity cup	■	■	■	■	■
Size Gravity Cup					
125 ml	□	□	□	■	□
450 ml	□	□	■	□	□
600 ml	■	■	□	□	■
Specification Gravity Cup					
with sieve insert	■	□	□	■	□
standard	□	■	□	□	■
asymmetric	□	□	■	□	□
Wetted Parts					
stainless steel	■	□	■	■	□
aluminum	□	■	□	□	■
Nozzles					
available nozzle sizes	0,3...3,5mm	0,5...2,5mm	0,3...2,5mm	0,3...2,2mm	0,5...3,5mm

Legend

- available
- not available

PILOT Mini



ORDERING INFORMATION

- Choose between the following versions: conventional spray gun – medium-pressure spray gun
- Choose between the gravity-feed cup version and the version for material connection to pressure tanks or pumps
- Determine the required nozzle size

APPLICATION AREAS

- Decorative work
- Pattern making
- Toy industry
- Precision engineering
- Sign writing
- Release agent coating
- Car body coating
- Touching up
- Ceramic coating
- Wood industry

ATEX CLASSIFICATION

- II 2 G c T 6

TECHNICAL DATA

Material pressure	0,8 MPa, 8 bar, 116 PSI
Operating temperature	43 °C, 109.4 °F
Weight	295 g, 0.65 lb

INCLUDED ITEMS

- PILOT Mini with nozzle insert upon choice
- User manual

**PILOT Mini****Product variants - conventional atomization**

Type of material connection	Gravity cup	Material connection
Weight	295 g, 0.65 lb	295 g, 0.65 lb

ORDERING INFORMATION

Item	Item no.	0	2	3
Pilot Mini	V1015			
Gun model				
Gravity cup	1			
Paint connection	2			
Nozzle diameter				
Nozzle size 0,5 mm	0	5		
Nozzle size 0,8 mm	0	8		
Nozzle size 1,0 mm	1	0		
Nozzle size 1,2 mm	1	2		
Nozzle size 1,5 mm	1	5		
Nozzle size 1,8 mm	1	8		
Nozzle size 2,0 mm	2	0		
Nozzle size 2,2 mm	2	2		

SERVICE SETS

Item Repair kit	Item no.	0	2	3
Pilot Mini Gravity cup	V16098NA-			3
Pilot Mini Paint connection	V16152NA-		2	3
Nozzle diameter				
Nozzle size 0,5 mm	0	5		
Nozzle size 0,8 mm	0	8		
Nozzle size 1,0 mm	1	0		
Nozzle size 1,2 mm	1	2		
Nozzle size 1,5 mm	1	5		
Nozzle size 1,8 mm	1	8		
Nozzle size 2,0 mm	2	0		
Nozzle size 2,2 mm	2	2		

PILOT Mini

Product variants - Medium pressure


Type of material connection	Gravity cup	Material connection
Weight	295 g, 0.65 lb	295 g, 0.65 lb

ORDERING INFORMATION

Item	Item no.	0	2	3
PILOT Mini MD	V1014			
Gun model				
Gravity cup		1		
Paint connection		2		
Nozzle diameter				
Nozzle size 0.5 mm	0	5		
Nozzle size 0.8 mm	0	8		
Nozzle size 1.0 mm	1	0		
Nozzle size 1.2 mm	1	2		
Nozzle size 1.5 mm	1	5		
Nozzle size 1.8 mm	1	8		
Nozzle size 2.0 mm	2	0		
Nozzle size 2.2 mm	2	2		

SERVICE SETS

Item Repair kit	Item no.	0	2	3
Pilot Mini-MD Gravity cup	V16141NA-			3
Pilot Mini-MD Paint connection	V16142NA-			3

Nozzle diameter

Nozzle size 0,5 mm	0	5
Nozzle size 0,8 mm	0	8
Nozzle size 1,0 mm	1	0
Nozzle size 1,2 mm	1	2
Nozzle size 1,5 mm	1	5
Nozzle size 1,8 mm	1	8
Nozzle size 2,0 mm	2	0
Nozzle size 2,2 mm	2	2



PILOT Maxi



ORDERING INFORMATION

- Choose between the following versions: conventional spray gun – medium-pressure spray gun – HVLP spray gun
- Choose between the gravity-feed cup version and the version for material connection to pressure tanks or pumps
- Determine the required nozzle size

APPLICATION AREAS

- Painting businesses
- Metal industry
- Plastics industry
- Motor vehicle industry
- Furniture industry
- Woodworking industry
- Exhibition construction
- Car body coating
- Food industry
- Pharmaceutical industry

ATEX CLASSIFICATION

- II 2 G c T 6

TECHNICAL DATA

Material pressure	0,8 MPa, 8 bar, 116 PSI
Operating temperature	43 °C, 109.4 °F
Weight	440 g, 0.97 lb

INCLUDED ITEMS

- PILOT Maxi with nozzle insert upon choice
- User manual

Feeding

Mixing

Applying

Control

Moving

Booths

PILOT Maxi
Product variants - conventional atomization


Type of material connection

Material connection

ORDERING INFORMATION

Item	Item no.			
Pilot Maxi	V1161	03		3
Gun model				
Gravity cup		3		
Paint connection		4		
Nozzle diameter				
Nozzle size 0,3 mm	0	3		
Nozzle size 0,5 mm	0	5		
Nozzle size 0,8 mm	0	8		
Nozzle size 1,0 mm	1	0		
Nozzle size 1,2 mm	1	2		
Nozzle size 1,4 mm	1	4		
Nozzle size 1,5 mm	1	5		
Nozzle size 1,8 mm	1	8		
Nozzle size 2,0 mm	2	0		
Nozzle size 2,2 mm	2	2		
Nozzle size 2,5 mm	2	5		

SERVICE SETS

Item Repair kit	Item no.		
Pilot Maxi Gravity cup	V1661303-		3
Pilot Maxi Paint connection	V1661403-		3
Nozzle diameter			
Nozzle size 0,3 mm	0	3	
Nozzle size 0,5 mm	0	5	
Nozzle size 0,8 mm	0	8	
Nozzle size 1,0 mm	1	0	
Nozzle size 1,2 mm	1	2	
Nozzle size 1,4 mm	1	4	
Nozzle size 1,5 mm	1	5	
Nozzle size 1,8 mm	1	8	
Nozzle size 2,0 mm	2	0	
Nozzle size 2,2 mm	2	2	
Nozzle size 2,5 mm	2	5	

**PILOT Maxi****Product variants - Medium pressure**

Type of material connection

Gravity cup

Material connection

ORDERING INFORMATION

Item	Item no.			
PILOT Maxi MD	V1161	05		3
Gun model				
Gravity cup	5			
Paint connection	6			
Nozzle diameter				
Nozzle size 0,3 mm	0	3		
Nozzle size 0,5 mm	0	5		
Nozzle size 0,8 mm	0	8		
Nozzle size 1,0 mm	1	0		
Nozzle size 1,2 mm	1	2		
Nozzle size 1,4 mm	1	4		
Nozzle size 1,5 mm	1	5		
Nozzle size 1,8 mm	1	8		
Nozzle size 2,0 mm	2	0		
Nozzle size 2,2 mm	2	2		
Nozzle size 2,5 mm	2	5		

SERVICE SETS

Item Repair kit	Item no.		
Pilot Maxi-MD Gravity cup	V1661504-		3
Pilot Maxi-MD Paint connection	V1661604-		3
Nozzle diameter			
Nozzle size 0,3 mm	0	3	
Nozzle size 0,5 mm	0	5	
Nozzle size 0,8 mm	0	8	
Nozzle size 1,0 mm	1	0	
Nozzle size 1,2 mm	1	2	
Nozzle size 1,4 mm	1	4	
Nozzle size 1,5 mm	1	5	
Nozzle size 1,8 mm	1	8	
Nozzle size 2,0 mm	2	0	
Nozzle size 2,2 mm	2	2	
Nozzle size 2,5 mm	2	5	

Feeding

Mixing

Applying

Control

Moving

Booths

PILOT Maxi

Product variants - Low pressure-HVLP


Type of material connection Gravity cup

Material connection

ORDERING INFORMATION

Item	Item no.				
PILOT Maxi ND	V1163	0	4	3	

Gun model

Gravity cup	3
Paint connection	4

Nozzle diameter

Nozzle size 0,3 mm	0	3
Nozzle size 0,5 mm	0	5
Nozzle size 0,8 mm	0	8
Nozzle size 1,0 mm	1	0
Nozzle size 1,2 mm	1	2
Nozzle size 1,4 mm	1	4
Nozzle size 1,5 mm	1	5
Nozzle size 1,8 mm	1	8
Nozzle size 2,0 mm	2	0
Nozzle size 2,2 mm	2	2
Nozzle size 2,5 mm	2	5

SERVICE SETS

Item Repair kit	Item no.			
Pilot Maxi-ND Gravity cup	V1663304-			3
Pilot Maxi-ND Paint connection	V1663404-			3

Nozzle diameter

Nozzle size 0,3 mm	0	3
Nozzle size 0,5 mm	0	5
Nozzle size 0,8 mm	0	8
Nozzle size 1,0 mm	1	0
Nozzle size 1,2 mm	1	2
Nozzle size 1,4 mm	1	4
Nozzle size 1,5 mm	1	5
Nozzle size 1,8 mm	1	8
Nozzle size 2,0 mm	2	0
Nozzle size 2,2 mm	2	2
Nozzle size 2,5 mm	2	5



PILOT Premium



ORDERING INFORMATION

- Choose between the following versions: conventional spray gun – HVLPPlus spray gun – HVLP spray gun
- Choose between the gravity-feed cup version and the version for material connection to pressure tanks or pumps
- Determine the required nozzle size

APPLICATION AREAS

- Painting businesses
- Metal industry
- Plastics industry
- Motor vehicle industry
- Furniture industry
- Woodworking industry
- Exhibition construction
- Car body coating
- Food industry
- Pharmaceutical industry

ATEX CLASSIFICATION

- II 2 G c T 6

TECHNICAL DATA

Material pressure	0,8 MPa, 8 bar, 116 PSI
Operating temperature	43 °C, 109.4 °F

INCLUDED ITEMS

- PILOT Premium with nozzle insert upon choice
- User manual

Feeding

Mixing

Applying

Control

Moving

Booths

PILOT Premium

Product variants - conventional atomization


Type of material connection	Gravity cup	Material connection
Weight	470 g, 1.04 lb	490 g, 1.08 lb

ORDERING INFORMATION

Item	Item no.				
Pilot Premium	V1070	0	3		3
Gun model					
Gravity cup		1			
Paint connection		2			
Nozzle diameter					
Nozzle size 0,3 mm	0	3			
Nozzle size 0,5 mm	0	5			
Nozzle size 0,8 mm	0	8			
Nozzle size 1,0 mm	1	0			
Nozzle size 1,2 mm	1	2			
Nozzle size 1,5 mm	1	5			
Nozzle size 1,8 mm	1	8			
Nozzle size 2,0 mm	2	0			
Nozzle size 2,2 mm	2	2			
Nozzle size 2,5 mm	2	5			

SERVICE SETS

Item Repair kit	Item no.			
Pilot Premium Gravity cup	V1610701-			3
Pilot Premium Paint connect.				
	V1610702-			3
Nozzle diameter				
Nozzle size 0,3 mm	0	3		
Nozzle size 0,5 mm	0	5		
Nozzle size 0,8 mm	0	8		
Nozzle size 1,0 mm	1	0		
Nozzle size 1,2 mm	1	2		
Nozzle size 1,5 mm	1	5		
Nozzle size 1,8 mm	1	8		
Nozzle size 2,0 mm	2	0		
Nozzle size 2,2 mm	2	2		
Nozzle size 2,5 mm	2	5		



PILOT Premium

Product variants - HVLP Plus



Type of material connection

Gravity cup

Material connection

Weight

ORDERING INFORMATION

Item	Item no.				
Pilot Premium HVLP Plus	V1070	0	3		3
Gun model					
Gravity cup		3			
Paint connection		4			
Nozzle diameter					
Nozzle size 0,3 mm	0	3			
Nozzle size 0,5 mm	0	5			
Nozzle size 0,8 mm	0	8			
Nozzle size 1,0 mm	1	0			
Nozzle size 1,2 mm	1	2			
Nozzle size 1,5 mm	1	5			
Nozzle size 1,8 mm	1	8			
Nozzle size 2,0 mm	2	0			
Nozzle size 2,2 mm	2	2			
Nozzle size 2,5 mm	2	5			

SERVICE SETS

Item Repair kit	Item no.			
Pilot Premium HVLP Plus Gra. cup	V1610703-	0	3	
Pilot Premium HVLP Plus Paintco.	V1610704-	0	5	
Nozzle diameter				
Nozzle size 0,3 mm	0	3		
Nozzle size 0,5 mm	0	5		
Nozzle size 0,8 mm	0	8		
Nozzle size 1,0 mm	1	0		
Nozzle size 1,2 mm	1	2		
Nozzle size 1,5 mm	1	5		
Nozzle size 1,8 mm	1	8		
Nozzle size 2,0 mm	2	0		
Nozzle size 2,2 mm	2	2		
Nozzle size 2,5 mm	2	5		

Feeding

Mixing

Applying

Control

Moving

Booths

PILOT Premium

Product variants - HVLP


Type of material connection	Gravity cup	Material connection
Weight		

ORDERING INFORMATION

Description	Item no.			
Pilot Premium-LP	V1070	03		3
<hr/>				
Gun model				
Gravity cup	3			
Paint connection	4			
<hr/>				
Nozzle diameter				
Nozzle size 0,3 mm	0	3		
Nozzle size 0,5 mm	0	5		
Nozzle size 0,8 mm	0	8		
Nozzle size 1,0 mm	1	0		
Nozzle size 1,2 mm	1	2		
Nozzle size 1,5 mm	1	5		
Nozzle size 1,8 mm	1	8		
Nozzle size 2,0 mm	2	0		
Nozzle size 2,2 mm	2	2		
Nozzle size 2,5 mm	2	5		

SERVICE SETS

Item Repair kit	Item no.		
Pilot Premium-ND Gravity cup	V1610705-	3	
Pilot Premium-ND Paint connection	V1610706-	3	
<hr/>			
Nozzle diameter			
Nozzle size 0,3 mm	0	3	
Nozzle size 0,5 mm	0	5	
Nozzle size 0,8 mm	0	8	
Nozzle size 1,0 mm	1	0	
Nozzle size 1,2 mm	1	2	
Nozzle size 1,5 mm	1	5	
Nozzle size 1,8 mm	1	8	
Nozzle size 2,0 mm	2	0	
Nozzle size 2,2 mm	2	2	
Nozzle size 2,5 mm	2	5	

Feeding

Mixing

Applying

Control

Moving

Booths



PILOT III F



ORDERING INFORMATION

- Choose between the following versions: conventional spray gun – medium-pressure spray gun
- Choose between the gravity-feed cup version and the version for material connection to pressure tanks or pumps
- Determine the required nozzle size

APPLICATION AREAS

- Painting businesses
- Metal industry
- Building industry
- Furniture industry
- Wood-working industry
- Trade fair construction
- Release agent coating
- Car body coating
- Ceramic coating

ATEX CLASSIFICATION

- II 2 G c T 6

TECHNICAL DATA

Material pressure	0,8 MPa, 8 bar, 116 PSI
Operating temperature	43 °C, 109.4 °F
Weight	590 g, 1.30 lb

INCLUDED ITEMS

- PILOT III F with nozzle insert upon choice
- User manual

Feeding

Mixing

Applying

Control

Moving

Booths

PILOT III F
Product variants - conventional atomization


Type of material connection

Material connection

ORDERING INFORMATION

Item	Item no.			
Pilot III F	V1030	02		3
Gun model				
Gravity cup	1			
Paint connection	2			
Nozzle diameter				
Nozzle size 0,5 mm	0	5		
Nozzle size 0,8 mm	0	8		
Nozzle size 1,0 mm	1	0		
Nozzle size 1,2 mm	1	2		
Nozzle size 1,5 mm	1	5		
Nozzle size 1,8 mm	1	8		
Nozzle size 2,0 mm	2	0		
Nozzle size 2,5 mm	2	5		
Nozzle size 3,0 mm	3	0		
Nozzle size 3,5 mm	3	5		

SERVICE SETS

Item Repair kit	Item no.			
Pilot III F	V1600302-			3

Nozzle diameter

Nozzle size 0,5 mm	0	5
Nozzle size 0,8 mm	0	8
Nozzle size 1,0 mm	1	0
Nozzle size 1,2 mm	1	2
Nozzle size 1,5 mm	1	5
Nozzle size 1,8 mm	1	8
Nozzle size 2,0 mm	2	0
Nozzle size 2,5 mm	2	5
Nozzle size 3,0 mm	3	0
Nozzle size 3,5 mm	3	5

**PILOT III F****Product variants - Medium pressure**

Type of material connection

Gravity cup

Material connection

ORDERING INFORMATION

Item	Item no.				
Pilot III F-MP	V1031	0	2	0	3
Gun model					
Gravity cup	0				
Paint connection	1				
Nozzle diameter					
Nozzle size 0,5 mm	0	5			
Nozzle size 0,8 mm	0	8			
Nozzle size 1,0 mm	1	0			
Nozzle size 1,2 mm	1	2			
Nozzle size 1,5 mm	1	5			
Nozzle size 1,8 mm	1	8			
Nozzle size 2,0 mm	2	0			
Nozzle size 2,5 mm	2	5			

SERVICE SETS

Item	Item no.			
Pilot III F-MP	V1600305-	0	0	3
Nozzle diameter				
Nozzle size 0,5 mm	0	5		
Nozzle size 0,8 mm	0	8		
Nozzle size 1,0 mm	1	0		
Nozzle size 1,2 mm	1	2		
Nozzle size 1,5 mm	1	5		
Nozzle size 1,8 mm	1	8		
Nozzle size 2,0 mm	2	0		
Nozzle size 2,5 mm	2	5		

PILOT Trend



ORDERING INFORMATION

- Choose between the following versions: conventional spray gun – medium-pressure spray gun
- Choose between the gravity-feed cup version and the version for material connection to pressure tanks or pumps
- Determine the required nozzle size

APPLICATION AREAS

- Painting businesses
- Metal industry
- Furniture industry
- Wood-working industry
- Trade fair construction
- Release agent coating
- Car body coating
- Ceramic coating

ATEX CLASSIFICATION

- II 2 G c T 6

TECHNICAL DATA

Material pressure	0,8 MPa, 8 bar, 116 PSI
Operating temperature	43 °C, 109.4 °F
Weight	438 g, 0.97 lb

INCLUDED ITEMS

- PILOT Trend with nozzle insert upon choice
- User manual



PILOT Trend

Product variants - conventional atomization



Type of material connection

Gravity cup

Material connection

ORDERING INFORMATION

Item	Item no.				
Pilot Trend	V1060	0	3		3
Gun model					
Gravity cup	1				
Paint connection	2				
Nozzle diameter					
Nozzle size 0,5 mm	0	5			
Nozzle size 0,8 mm	0	8			
Nozzle size 1,0 mm	1	0			
Nozzle size 1,2 mm	1	2			
Nozzle size 1,5 mm	1	5			
Nozzle size 1,8 mm	1	8			
Nozzle size 2,0 mm	2	0			
Nozzle size 2,5 mm	2	5			

SERVICE SETS

Item Repair kit	Item no.		
Pilot Trend Gravity cup	V1606003-		3
Pilot Trend Paint connection	V1606203-		3
Nozzle diameter			
Nozzle size 0,5 mm	0	5	
Nozzle size 0,8 mm	0	8	
Nozzle size 1,0 mm	1	0	
Nozzle size 1,2 mm	1	2	
Nozzle size 1,5 mm	1	5	
Nozzle size 1,8 mm	1	8	
Nozzle size 2,0 mm	2	0	
Nozzle size 2,5 mm	2	5	

PILOT Trend

Product variants - Medium pressure


Type of material connection

Gravity cup

Material connection

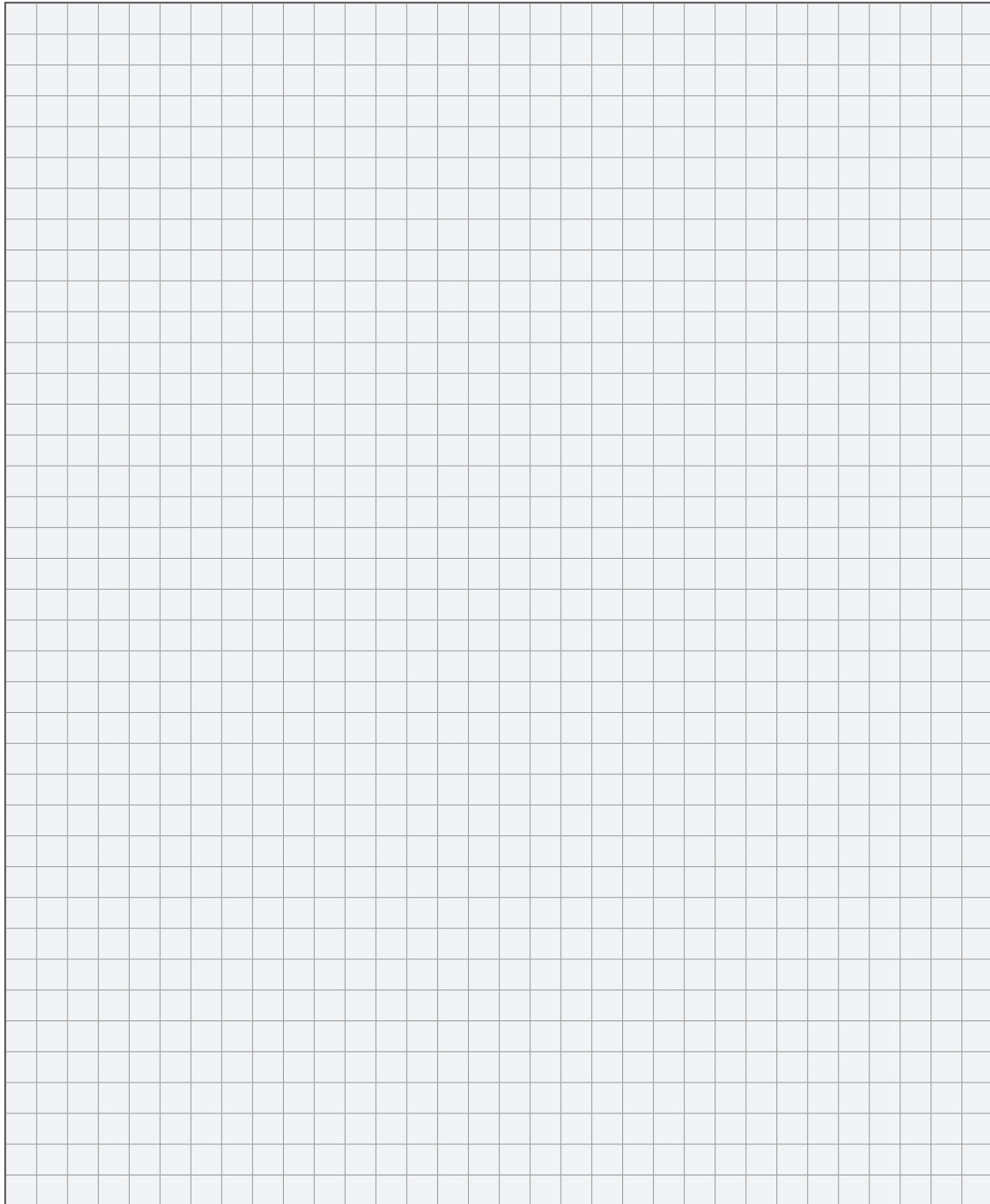
ORDERING INFORMATION

Description	Item no.				
Pilot Trend-MD	V1061	0	4	3	
Gun model					
Gravity cup	1				
Paint connection	3				
Nozzle diameter					
Nozzle size 0,5 mm	0	5			
Nozzle size 0,8 mm	0	8			
Nozzle size 1,0 mm	1	0			
Nozzle size 1,2 mm	1	2			
Nozzle size 1,5 mm	1	5			
Nozzle size 1,8 mm	1	8			
Nozzle size 2,0 mm	2	0			
Nozzle size 2,5 mm	2	5			

SERVICE SETS

Item Repair kit	Item no.			
Pilot Trend-MD Gravity cup	V1606104-			3
Pilot Trend-MD Paint connection	V1606304-			3
Nozzle diameter				
Nozzle size 0,5 mm	0	5		
Nozzle size 0,8 mm	0	8		
Nozzle size 1,0 mm	1	0		
Nozzle size 1,2 mm	1	2		
Nozzle size 1,5 mm	1	5		
Nozzle size 1,8 mm	1	8		
Nozzle size 2,0 mm	2	0		
Nozzle size 2,5 mm	2	5		

Notes



Feeding

Mixing

Applying

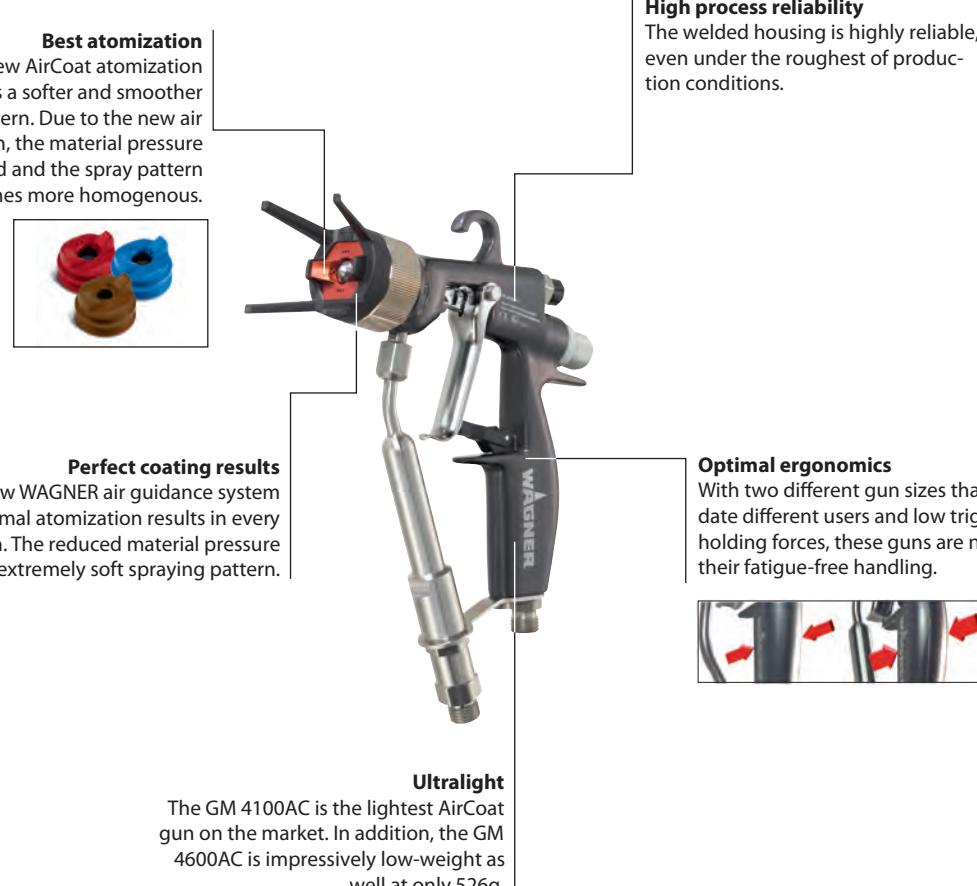
Control

Moving

Booths

AirCoat manual guns

Designing a gun with optimal ergonomics for a wide range of different users was the goal behind the development of this unique gun series with two different gun sizes. The result: AirCoat guns GM 4100AC and GM 4600AC. Both AirCoat guns were designed for operating comfort and ergonomics. The gun is lighter and requires less trigger and holding force, making it even easier to handle and reducing fatigue during operation. The new Wagner air guidance system generates improved atomization results in every application. The reduced atomization pressure creates an extremely soft spraying pattern.



**GM 4100AC****PROCESSABLE MATERIALS**

- Stains
- Textured paints
- Clear coats
- Solvent- and waterbased paints
- 2K materials
- High solids
- UV paints

APPLICATION AREAS

- Wood industry
- Furniture industry
- Corrosion protection
- Steel industry
- Agricultural machinery industry
- Commercial vehicle industry

ATEX CLASSIFICATION

- II 2 G X

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel 1.4301
- Stainless steel 1.4305
- Stainless steel 1.4104
- POM
- PTFE
- FPM
- PA

TECHNICAL DATA

Material Anschluss	NPSM 1/4"
Material temperature	55 °C, 131.0 °F
Air inlet pressure	0,0 – 0,8 MPa, 0,0 – 8,0 bar, 0 – 116 PSI
Air inlet connection	G 1/4"
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	0,4 kg, 1.0 lb
Max. sound level	82 dB(A)
Length	173,0 mm, 6.8 in
Height	206 mm, 8.1 in

INCLUDED ITEMS

- GM 4100AC
- Edge filter 100 meshes
- CE declaration of conformity
- User manual

ORDERING INFORMATION

- Select the gun type.
- Determine which max. material pressure is required.
- Select the desired nozzle system and air cap.

Feeding

Mixing

Applying

Control

Moving

Booths

GM 4100AC

CE Ex

Product variants


Model	GM 4100AC	GM 4100AC
Max. material pressure	160 bar, 2321 PSI	250 bar, 3626 PSI
Item no.	394002	394012

ORDERING INFORMATION

Item	Item no.					
GM 4100AC	0394010 -					
Material pressure						
160 bar	1					
250 bar	2					
Air cap						
Low-viscosity materials (red)	1					
High-viscosity materials (blue)	2					
Nozzles						
No nozzle	0	0	0			
Nozzle size (see nozzle table) e.g.	4	1	1			
Nozzle size (see nozzle table) e.g.	5	1	5			

**GM 4100AC****SERVICE SETS**Service kit GM4100AC 394940**SPRAYPACKS****GM 4100AC - 11000**

- GM 4100AC 16MPa NPSM1/4"
- Air cap LV plus (red / GM 4x00AC)

2302515

394002

2313494

GM 4100AC - 12000

- GM 4100AC 16MPa NPSM1/4"
- Air cap HV plus (blau / GM 4x00AC)

2302516

394002

2313497

GM 4100AC - 21000

- GM 4100AC 25MPa NPSM1/4"
- Air cap LV plus (red / GM 4x00AC)

2302513

394012

2313494

GM 4100AC - 22000

- GM 4100AC 25MPa NPSM1/4"
- Air cap HV plus (blau / GM 4x00AC)

2302514

394012

2313497

Feeding

Mixing

Applying

Control

Moving

Booths

GM 4600AC

PROCESSABLE MATERIALS

- Stains
- Textured paints
- Clear coats
- Solvent- and waterbased paints
- 2K materials
- High solids
- UV paints

APPLICATION AREAS

- Wood industry
- Furniture industry
- Corrosion protection
- Steel industry
- Agricultural machinery industry
- Commercial vehicle industry

ATEX CLASSIFICATION

- II 2 G X

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel 1.4301
- Stainless steel 1.4305
- Stainless steel 1.4104
- POM
- PTFE
- FPM
- PA

TECHNICAL DATA

Material Anschluss	NPSM 1/4"
Material temperature	55 °C, 131.0 °F
Air inlet pressure	0,0 – 0,8 MPa, 0,0 – 8,0 bar, 0 – 116 PSI
Air inlet connection	G 1/4"
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	0,5 kg, 1.2 lb
Max. sound level	82 dB(A)
Length	173,0 mm, 6.8 in
Height	216 mm, 8.5 in

INCLUDED ITEMS

- GM 4600AC
- CE declaration of conformity
- User manual
- Edge filter 100 mesh

ORDERING INFORMATION

- Select the gun type.
- Determine which max. material pressure is required.
- Select the desired nozzle system and air cap.

**GM 4600AC**

Product variants



Model	GM 4600AC	GM 4600AC
Max. material pressure	160 bar, 2321 PSI	250 bar, 3626 PSI
Item no.	394004	394014

ORDERING INFORMATION

Item	Item no.				
GM 4600AC	0394020 -				
Material pressure					
160 bar		1			
250 bar		2			
Air cap					
Low-viscosity materials (red)		1			
High-viscosity materials (blue)		2			
Nozzles					
No nozzle		0	0	0	
Nozzle size (see nozzle table) e.g.		4	1	1	
Nozzle size (see nozzle table) e.g.		5	1	5	

Feeding

Mixing

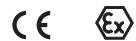
Applying

Control

Moving

Booths

GM 4600AC



SERVICE SETS

Service kit GM4600AC/ GM4700AC 394941

SPRAYPACKS

GM 4600AC - 11000

- GM 4600AC 16MPa NPSM1/4"
- Air cap LV plus (red / GM 4x00AC)

2302519

394004
2313494

GM 4600AC - 12000

- GM 4600AC 16MPa NPSM1/4"
- Air cap HV plus (blau / GM 4x00AC)

2302520

394004
2313497

GM 4600AC - 21000

- GM 4600AC 25MPa NPSM1/4"
- Air cap LV plus (red / GM 4x00AC)

2301745

394014
2313494

GM 4600AC - 22000

- GM 4600AC 25MPa NPSM1/4"
- Air cap HV plus (blau / GM 4x00AC)

2302518

394014
2313497

**GM 4600AC-H****PROCESSABLE MATERIALS**

- Stains
- Textured paints
- Clear coats
- Solvent- and waterbased paints
- 2K materials
- High solids
- UV paints

APPLICATION AREAS

- Wood industry
- Furniture industry
- Corrosion protection
- Steel industry
- Agricultural machinery industry
- Commercial vehicle industry

ATEX CLASSIFICATION

- II 2 G X

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel 1.4301
- Stainless steel 1.4305
- Stainless steel 1.4104
- POM
- PTFE
- FPM
- PA

TECHNICAL DATA

Material pressure	25,0 MPa, 250 bar, 3626 PSI
Material Anschluss	NPSM 1/4"
Material temperature	80 °C, 176.0 °F
Air inlet pressure	0,0 – 0,8 MPa, 0,0 – 8,0 bar, 0 – 116 PSI
Air inlet connection	G 1/4"
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	0,5 kg, 1.2 lb
Max. sound level	82 dB(A)
Length	173,0 mm, 6.8 in
Height	216 mm, 8.5 in

INCLUDED ITEMS

- GM 4600AC H
- CE declaration of conformity
- User manual
- Disk filter, 100 mesh

ORDERING INFORMATION

- Select the gun type.
- Determine which max. material pressure is required.
- Select the desired nozzle system and air cap.

BASIC UNITS

Description	Item no.
GM 4600AC 25MPa NPSM1/4"	2303491

SERVICE SETS

Service kit GM4600AC/ GM4700AC 394941

AirCoat manual guns - Accessories

Feeding

Mixing

Applying

Control

Moving

Booths

AirCoat manual guns - Accessories

	GM 4100AC	GM 4600AC	GM 4600AC-H
1 Aircap			
Air cap HV plus (blau / GM 4x00AC)	2313497	2313497	2313497
Air cap LV plus (red / GM 4x00AC)	2313494	2313494	2313494
Air cap LA plus (bronze / GM 4x00AC)	2313498	2313498	2313498
2 Nozzles - flat jet			
ACF 3000 (see nozzle chart)	379xxx	379xxx	379xxx
3 Round spray nozzle holder			
ROUND JET NOZZLE ADAPTER	394180	394180	394180
4 Nozzle - round jet			
Nozzle insert R11	132720	132720	132720
Nozzle insert R12	132721	132721	132721
Nozzle insert R13	132722	132722	132722
Nozzle insert R14	132723	132723	132723
Nozzle insert R15	132724	132724	132724
Nozzle insert R16	132725	132725	132725
Nozzle insert R17	132726	132726	132726
Nozzle insert R18	132727	132727	132727
Nozzle insert R19	132728	132728	132728
Nozzle insert R20	132729	132729	132729
Nozzle insert R21	132730	132730	132730
Nozzle insert R22	132731	132731	132731
5 Filter			
Gap-filter insert GM4000-60 M/cm	3204604	-	-
Gap-filter insert GM4000-100 M/cm	3204605	-	-
Gap-filter insert GM4000-200 M/cm	9999002	-	-
Insert filter white	-	34377	34377
Insert filter red	-	34383	34383
Insert filter yellow	-	43235	43235
Insert filter green	-	89323	89323
Inline filter insert red-200-10pcs	-	97022	97022
Inline filter insert yellow-100-10pcs	-	97023	97023
Inline filter insert white-50-10pcs	-	97024	97024
Inline filter insert green-30-10pcs	-	97025	97025
6 AirCoat hose pack			
AC-hose-DN4-PN270-1/4"NPS-7,5m-PA-T	2309706	2309706	2309706
AC-Hose-DN4-PN270-1/4"NPS-10,0m-PA-T	2302379	2302379	2302379
AC-hose-DN4-PN270-1/4"NPS-15,0m-PA-T	2309634	2309634	2309634
AC-hose-DN4-PN270-1/4"NPS-20,0m-PA-T	2309635	2309635	2309635
AC-hose-DN3-PN270-1/4"NPS-7,5m-PA-T	2309705	2309705	2309705
7 Swivel			
Fitting-SJM-GM4100AC-1/4"NPS	394926	-	-
SJA-MF-G1/4"-G1/4"-PN15-brass	364938	364938	364938
Swivel joint kit-GM4100AC	394931	-	-
Swivel joint kit-GM4600AC	-	394933	394933
Fitting-SJM-GM4600AC-1/4"NPS	-	394928	394928
8 Nozzle extensions			
Nozzle extension AC 300	394090	394090	394090

Feeding

Mixing

Applying

Control

Moving

Booths

AirCoat manual guns - Accessories

8 Nozzle extensions

Nozzle extension AC 600	394091	394091	394091
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9 Gun flush box

GFB for GM 4100 AC	2308814	-	-
GFB for GM 4600 AC	-	377174	377174

AirCoat manual guns - Accessories

Nozzle Chart | ACF 3000

Part-No. 379xxx

To identify the part number of a nozzle, please use the number in the chart and replace the xxx. Example: to order a 411 nozzle use the part no.: 379411



Size	Spray angle						
	10°	20°	30°	40°	50°	60°	80°
07	107	207		407			
09		209	309	409	509	609	
11	111	211	311	411	511	611	811
13	113	213	313	413	513	613	813
15	115	215	315	415	515	615	815
17		217	317	417	517	617	817
19		219	319	419	519	619	819
21		221		421	521	621	821
23				423		623	823

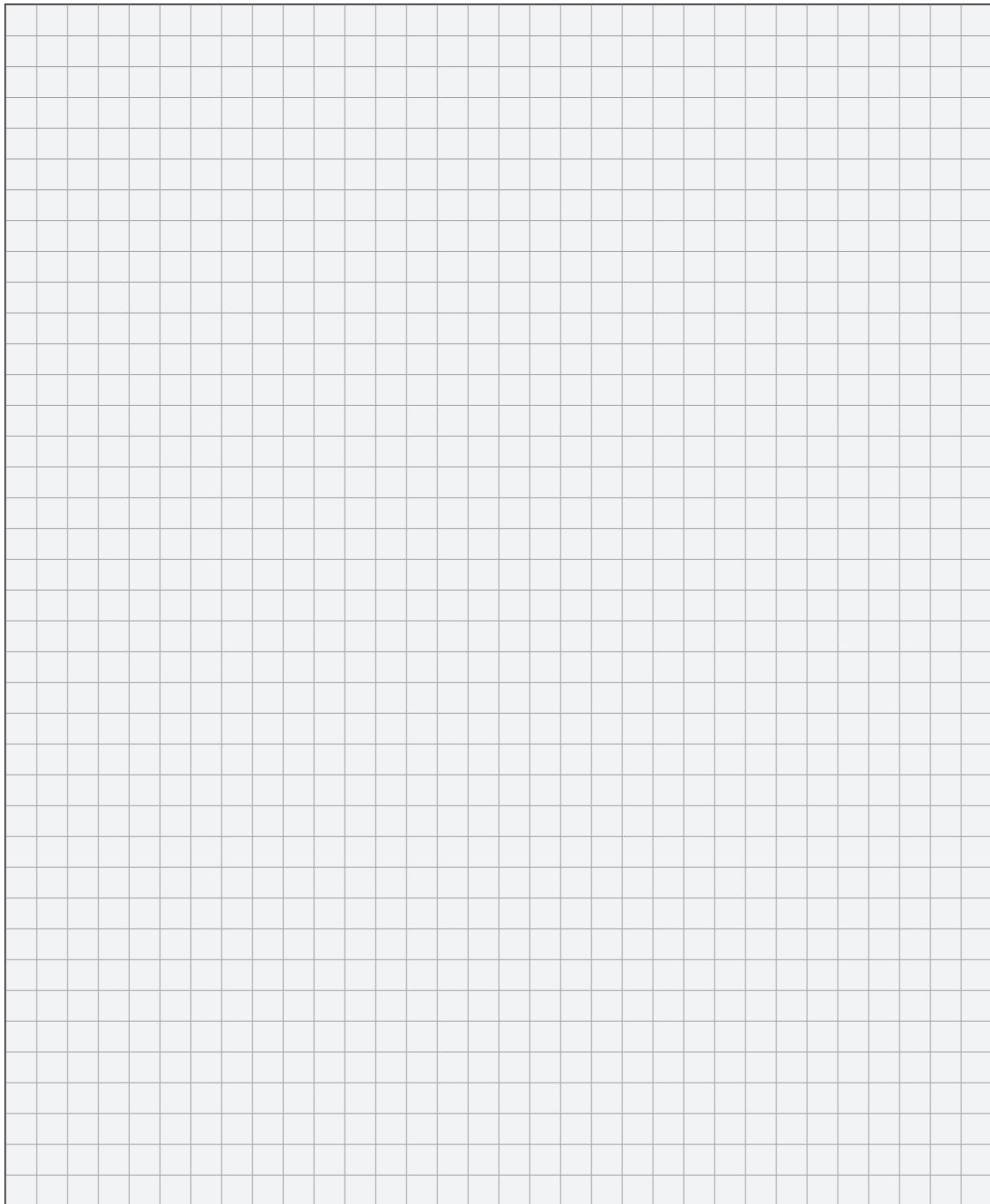
Material filter (in mesh)	Bore		Material flow*l/min (gal/min)
	Edge filter	Gun filter	
200	200	200	0.23 (0.061)
100	100	150	0.26 (0.069)
60	60	100	0.38 (0.100)
		150	0.55 (0.145)
		200	0.75 (0.198)
		250	0.96 (0.254)
		300	1.20 (0.317)
		350	1.45 (0.383)
		400	1.79 (0.473)

55 (2.17)	100 (3.94)	145 (5.71)	195 (7.68)	250 (9.84)	300 (11.81)	400 (15.75)
Average spray width mm (inch)**						

* Measured with water at 100 bar

** Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance,
lacquer 56DIN-4s

Notes



Feeding

Mixing

Applying

Control

Moving

Booths



AirCoat manual guns

Notes

Feeding

Mixing

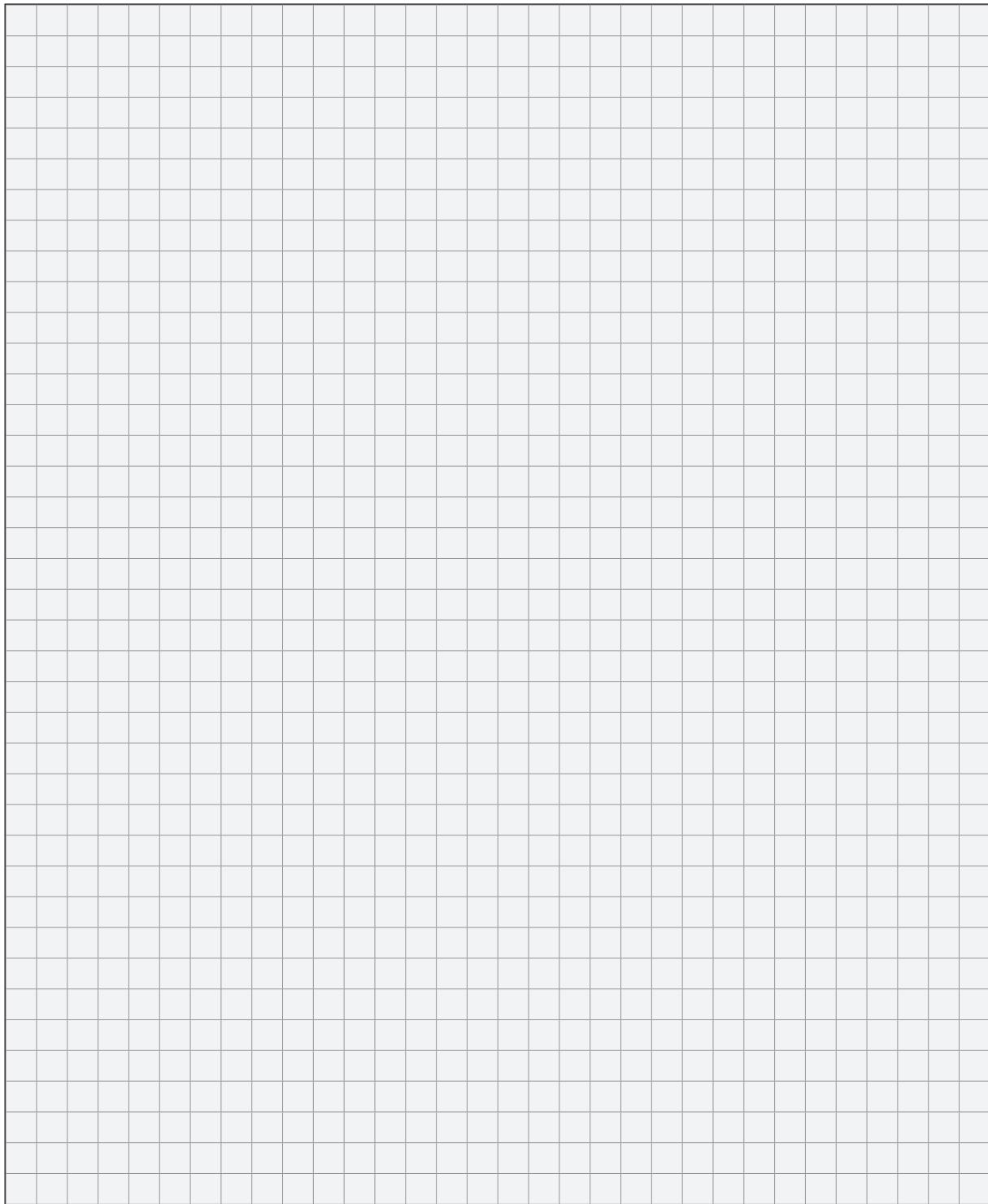
Applying

Control

Moving

Booths

Notes



Feeding

Mixing

Applying

Control

Moving

Booths

Airless manual guns

WAGNER manual guns are designed to be ergonomic, to allow the user to work without fatigue. The low holding force for the trigger and an ergonomically designed pistol grip satisfy this ergonomic requirement. Making the material wetted parts in stainless steel allows water-based paints and other critical materials to be applied.



**AG 14****TECHNICAL DATA**

Nozzle holder thread	F-Gewinde (11/16 - 16 UN/2A)
Material pressure	27,0 MPa, 270 bar, 3916 PSI
Material connection	NPS 1/4"
Material temperature	43 °C, 109.4 °F
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	590 g, 1.30 lb
Max. sound level	81 dB(A)
Length	125,0 mm, 4.9 in
Height	225 mm, 8.9 in

INCLUDED ITEMS

- AG 14
- User manual
- CE declaration of conformity

PROCESSABLE MATERIALS

- Filler
- Corrosion protection
- Latex paints
- Mica paints
- Zinc
- Large surface painting

APPLICATION AREAS

- Machine industry
- Automotive industry
- Shipbuilding industry
- Corrosion protection
- Wood industry

ATEX CLASSIFICATION

- II 2 G X

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- UHMW-PE
- Nylon
- Urethane

ORDERING INFORMATION

- Select the connection thread of the gun.
- Determine which nozzle is required.
- Check whether the red gun filter fits your nozzle (see nozzle table).
- If the red gun filter does not fit, order the required filter.

BASIC UNITS

Nozzle holder	Item no.
Wagner Tip	257015
Standard Tip	257017
Profi Tip	2305433

SERVICE SETS

Repair kit for 11/16"	502143
Repair kit for 11/16" 1 hole	502149

Feeding

Mixing

Applying

Control

Moving

Booths

G 15

TECHNICAL DATA

Nozzle holder thread	F-Gewinde (11/16 - 16 UN/2A)
Material pressure	53,0 MPa, 530 bar, 7687 PSI
Material connection	NPS 1/4"
Material temperature	43 °C, 109.4 °F
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	600 g, 1.32 lb
Max. sound level	85 dB(A)
Length	110,0 mm, 4.3 in
Height	225 mm, 8.9 in

PROCESSABLE MATERIALS

- Corrosion protection
- Fire retardant paints
- Zinc
- 1K water-based primer
- 1K solvent-based primer

APPLICATION AREAS

- Steel industry
- Shipbuilding industry
- Offshore industry
- Heavy duty corrosion protection
- Container industry
- Corrosion protection

ATEX CLASSIFICATION

- II 2 G X

MATERIAL WETTED PARTS

- Stainless steel
- Aluminum
- Teflon
- Tungsten carbide

INCLUDED ITEMS

- G 15
- User manual
- CE declaration of conformity

ORDERING INFORMATION

- Select the connection thread of the gun.
- Determine which nozzle is required.
- Check whether the red gun filter fits your nozzle (see nozzle table).
- If the red gun filter does not fit, order the required filter.

BASIC UNITS

Nozzle holder	Item no.
Standard Tip	347001
Wagner Tip	347011
Profi Tip HP	347012

SERVICE SETS

Service kit G-15	347707
------------------	--------

**G 15H****TECHNICAL DATA**

Nozzle holder thread	F-Gewinde (11/16 - 16 UN/2A)
Material pressure	53,0 MPa, 530 bar, 7687 PSI
Material connection	NPS 1/4"
Material temperature	80 °C, 176.0 °F
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	820 g, 1.81 lb
Max. sound level	85 dB(A)
Length	110,0 mm, 4.3 in
Height	225 mm, 8.9 in

INCLUDED ITEMS

- G 15H
- User manual
- CE declaration of conformity

ORDERING INFORMATION

- Select the connection thread of the gun.
- Determine which nozzle is required.
- Check whether the red gun filter fits your nozzle (see nozzle table).
- If the red gun filter does not fit, order the required filter.

BASIC UNITS

Nozzle holder	Item no.
Standard Tip	347021

SERVICE SETS

Service kit G-15H	347715
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PROCESSABLE MATERIALS

- Corrosion protection
- Fire retardant paints
- Zinc
- 1K water-based primer
- 1K solvent-based primer

APPLICATION AREAS

- Steel industry
- Shipbuilding industry
- Offshore industry
- Heavy duty corrosion protection
- Container industry
- Corrosion protection

ATEX CLASSIFICATION

- II 2 G X

MATERIAL WETTED PARTS

- Stainless steel
- Aluminum
- Teflon
- Tungsten carbide

Feeding

Mixing

Applying

Control

Moving

Booths

Airless manual guns - Accessories

Feeding

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Airless manual guns - Accessories

	AG 14	G 15	G 15H
1 Nozzle holder			
Contact guard assy.	335209	335209	335209
Wagner Tip "F" retainer	1088001	1088001	1088001
Wagner Profi Tip "F" reversing switch	1006001	-	-
Wagner Profi Tip HP "F" reversing switch	1006003	1006003	1006003
2 Nozzles - flat jet			
Standard Nozzle (see nozzle chart)	90xxx	90xxx	90xxx
Wagner Tip	1088xxx	1088xxx	1088xxx
Wagner Profi Tip HP (see nozzle chart)	1006xxx	1006xxx	1006xxx
3 Nozzles - adjustable			
Adjustable fan tip 20	999053	-	-
Adjustable fan tip 28	999054	-	-
Adjustable fan tip 41	999055	-	-
Adjustable fan tip 49	999056	-	-
Adjustable fan tip 15	999057	-	-
4 Airless material hose			
HP-Hose-DN4-PN270-1/4"NPS-7,5m-PA	9984573	-	-
HP-Hose-DN3-PN270-1/4"NPS-7,5m-PA	9984583	-	-
HP-hose-DN4-PN270-1/4"NPSM-10m-PA	9984573-10	-	-
HP-Hose-DN4-PN270-1/4"NPS-15,0m-PA	9984573-15	-	-
HP-Hose-DN4-PN270-1/4"NPS-20,0m-PA	9984573-20	-	-
HP-Hose-DN6-PN530-1/4"NPS-10,0m-PA	-	9984421	9984421
HP-Hose-DN6-PN530-1/4"NPS-1,5m-PA	-	9987117	9987117
HP-Hose-DN10-PN530-3/8"NPS-15,0m-PA	-	9987118	9987118
Fitting-DF-MM-3/8"NPS-1/4"NPS-PN530-SSt	-	367561	367561
5 Filter			
Insert filter white	34377	34377	34377
Insert filter red	34383	34383	34383
Insert filter yellow	43235	43235	43235
Insert filter green	89323	89323	89323
Inline filter insert red-200-10pcs	97022	97022	97022
Inline filter insert yellow-100-10pcs	97023	97023	97023
Inline filter insert white-50-10pcs	97024	97024	97024
Inline filter insert green-30-10pcs	97025	97025	97025
6 Nozzle extensions			
Tip ext. assy. 15cm	999320	-	-
Tip ext. assy.30cm	999321	-	-
Tip ext. assy. 45cm	999322	-	-
Tip ext. assy. 60cm	999323	-	-
Tip extension assy. 1m	96015	-	-
Tip extension assy. 2m	96016	-	-
Tip extension assy.3m	96017	-	-
7 Pre-atomizer			
Pre-atomizer tip hv10 with gasket	999221	999221	999221
Pre-atomizer tip hv12 with gasket	999222	999222	999222
Pre-atomizer tip hv14 with gasket	999223	999223	999223
Pre-atomizer tip hv16 with gasket	999224	999224	999224

Feeding

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Booths

Airless manual guns - Accessories

7 Pre-atomizer

Pre-atomizer tip hv19 with gasket	999225	999225	999225
Pre-atomizer tip hv22 with gasket	999226	999226	999226
Pre-atomizer tip hv27 with gasket	999227	999227	999227
Pre-atomizer tip hv8 with gasket	999220	999220	999220

9 Gun flush box

GFB for AG14	377167	-	-
GFB for AG09, G08, G12, G15	-	377165	377165

Feeding

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Booths

Airless manual guns - Accessories

Nozzle Chart | Standard Tip

Part-No. 90xxx

To identify the part number of a nozzle, please use the number in the chart and replace the xxx. Example: to order a 411 nozzle use the part no.: 90411



Size	Spray angle							
	10°	20°	30°	40°	50°	60°	70°	80°
07***				407	507			
09***		209	309	409	509	609		
11	111	211	311	411	511	611		
13	113	213	313	413	513	613		813
15	115	215	315	415	515	615	715	815
17		217	317	417	517	617	717	
19		219	319	419	519	619	719	819
21		221		421	521	621		821
23		223		423	523	623	723	823
25		225		425	525	625		825
27		227		427	527	627		827
29						629		
31		231		431	531	631		
33				433				
35		235		435	535	635		
39								839
43		243			543			
52					552			

Material filter (in mesh)	Bore	Material flow*
	inch (mm)	l/min (gal/min)
200	0.007 (0.18)	0.23 (0.061)
100	0.009 (0.23)	0.26 (0.069)
50	0.011 (0.28)	0.38 (0.100)
	0.013 (0.33)	0.55 (0.145)
	0.015 (0.38)	0.75 (0.198)
	0.017 (0.43)	0.96 (0.254)
	0.019 (0.48)	1.20 (0.317)
	0.021 (0.53)	1.45 (0.383)
	0.023 (0.58)	1.62 (0.428)
	0.025 (0.64)	1.92 (0.507)
	0.027 (0.69)	2.25 (0.594)
	0.029 (0.75)	2.57 (0.679)
	0.031 (0.79)	2.95 (0.779)
	0.033 (0.83)	3.35 (0.885)
	0.035 (0.90)	3.80 (1.004)
	0.039 (0.99)	4.31 (1.139)
	0.043 (1.10)	5.89 (1.556)
	0.052 (1.30)	6.14 (1.622)

51 (2.0)	104 (4.0)	152 (6.0)	203 (8.0)	254 (10.0)	305 (12.0)	356 (14.0)	406 (16.0)
Average spray width (inch)**							

* Measured with water at 100 bar

** Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance,
lacquer 56DIN-4s

*** Average spray width may vary

Airless manual guns - Accessories

Nozzle Chart | Wagner Tip

Part-No. 1088xxx

To identify the part number of a nozzle, please use the number in the chart and replace the xxx. Example: to order a 411 nozzle use the part no.: 1088411



Size	Spray angle							
	10°	20°	30°	40°	50°	60°	70°	80°
07***				407				
09***		209	309	409	509	609		
11	111	211	311	411	511	611		
13	113	213	313	413	513	613		813
15	115	215	315	415	515	615	715	815
17		217	317	417	517	617	717	
19		219	319	419	519	619	719	819
21		221		421	521	621		821
23		223		423	523	623	723	823
25		225		425	525	625		825
27		227		427	527	627		827
29						629		
31		231		431	531	631		
33				433				
35		235		435	535	635		
43		243			543			
52					552			

Material filter (in mesh)
200
100
50
30

Bore inch (mm)	Material flow* l/min (gal/min)
0.007 (0.18)	0.23 (0.061)
0.009 (0.23)	0.26 (0.069)
0.011 (0.28)	0.38 (0.100)
0.013 (0.33)	0.55 (0.145)
0.015 (0.38)	0.75 (0.198)
0.017 (0.43)	0.96 (0.254)
0.019 (0.48)	1.20 (0.317)
0.021 (0.53)	1.45 (0.383)
0.023 (0.58)	1.62 (0.428)
0.025 (0.64)	1.92 (0.507)
0.027 (0.69)	2.25 (0.594)
0.029 (0.75)	2.57 (0.679)
0.031 (0.79)	2.95 (0.779)
0.033 (0.83)	3.35 (0.885)
0.035 (0.90)	3.80 (1.004)
0.043 (1.10)	5.89 (1.556)
0.052 (1.30)	6.14 (1.622)

51 (2.0)	104 (4.0)	152 (6.0)	203 (8.0)	254 (10.0)	305 (12.0)	356 (14.0)	406 (16.0)
Average spray width (inch)**							

* Measured with water at 100 bar

** Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance,
lacquer 56DIN-4s

*** Average spray width may vary

Airless manual guns - Accessories

Nozzle Chart | Wagner Profi Tip HD

Part-No. 1006xxx

To identify the part number of a nozzle, please use the number in the chart and replace the xxx. Example: to order a 411 nozzle use the part no.: 1006411



Size	Spray angle							
	10°	20°	30°	40°	50°	60°	70°	80°
07***				407				
09***		209	309	409	509	609		
11	111	211	311	411	511	611		
13	113	213	313	413	513	613		813
15	115	215	315	415	515	615	715	815
17		217	317	417	517	617	717	
19		219	319	419	519	619	719	819
21		221		421	521	621		821
23		223		423	523	623	723	823
25		225		425	525	625		825
27		227		427	527	627		827
29						629		
31		231		431	531	631		
33				433				
35		235		435	535	635		
43		243			543			
52					552			

Material filter (in mesh)	Bore	Material flow*
	inch (mm)	l/min (gal/min)
200	0.007 (0.18)	0.23 (0.061)
100	0.009 (0.23)	0.26 (0.069)
50	0.011 (0.28)	0.38 (0.100)
30	0.013 (0.33)	0.55 (0.145)
	0.015 (0.38)	0.75 (0.198)
	0.017 (0.43)	0.96 (0.254)
	0.019 (0.48)	1.20 (0.317)
	0.021 (0.53)	1.45 (0.383)
	0.023 (0.58)	1.62 (0.428)
	0.025 (0.64)	1.92 (0.507)
	0.027 (0.69)	2.25 (0.594)
	0.029 (0.75)	2.57 (0.679)
	0.031 (0.79)	2.95 (0.779)
	0.033 (0.83)	3.35 (0.885)
	0.035 (0.90)	3.80 (1.004)
	0.043 (1.10)	5.89 (1.556)
	0.052 (1.30)	6.14 (1.622)

51 (2.0)	104 (4.0)	152 (6.0)	203 (8.0)	254 (10.0)	305 (12.0)	356 (14.0)	406 (16.0)
Average spray width (inch)**							

* Measured with water at 100 bar

** Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance,
lacquer 56DIN-4s

*** Average spray width may vary

Feeding

Mixing

Applying

Control

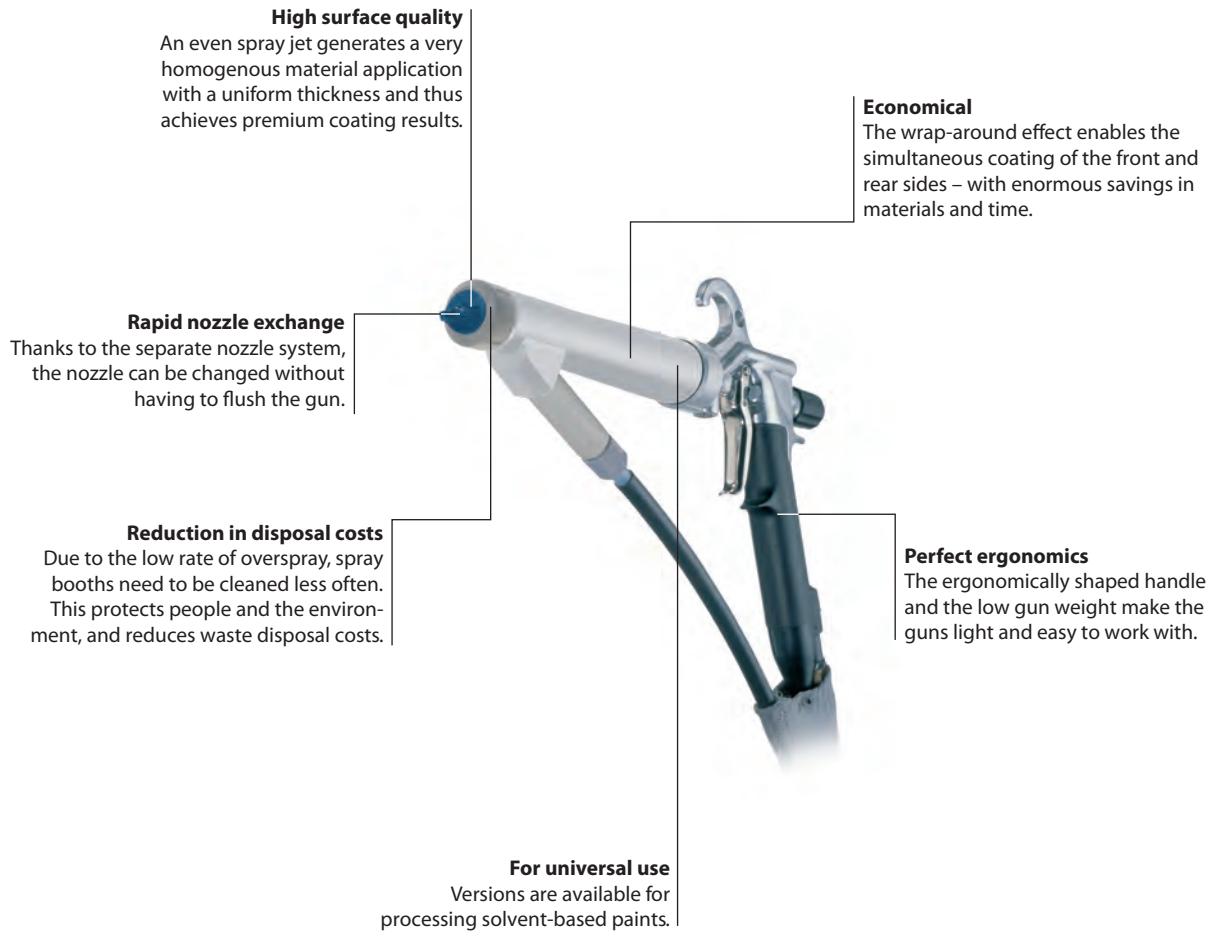
Moving

Booths

Electrostatic manual guns

WAGNER electrostatic manual guns have been specially developed for day-to-day painting. Their well-balanced ergonomics, low trigger and holding effort and their low weight offer user-friendly handling and provide optimum working comfort. All electrostatic guns for manual application of solventbased paints are explosion protected in accordance with the ATEX guideline.

Our wide product range enables you to select the perfect gun for your coating requirements. All guns offer efect surface finishing, simple operation, easy nozzle changes and cleaning as well as a good ergonomic design for fatigue-free operation.



**GM 2800EA****TECHNICAL DATA**

Output voltage	80,0 kV
Output current	100 µA
Material resistance	50 – 1250 kΩ
Material pressure	0,0 – 0,8 MPa, 0 – 8 bar, 0 – 116 PSI
Material temperature	60 °C, 140.0 °F
Material connection Ø	10 mm, 0.4 in
Air inlet pressure	0,0 – 0,8 MPa, 0,0 – 8,0 bar, 0 – 116 PSI
Air inlet connection	R 1/4"
Cable length	11,00 m, 36,1 ft
Air hose length	8.1 m, 26,6 ft
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	600 g, 1.32 lb
Max. sound level	82 dB(A)
Length	355,0 mm, 14.0 in
Height	255 mm, 10.0 in

PROCESSABLE MATERIALS

- 1K solvent-based paints
- 2K solvent-based paints
- 1K solvent-based primer
- 2K solvent-based primer
- 1K solvent-based release agents
- 2K solvent-based release agents

APPLICATION AREAS

- Machine industry
- Motor vehicle industry
- Metal industry
- Furniture industry
- Bicycle manufacturers
- Galvanizing plants

ATEX CLASSIFICATION

- II 2 G EEx0.24 mJ T6

INCLUDED ITEMS

- GM 2800EA
- Hose pack
- Universal wrench
- Air nozzle wrench
- Seal kit
- Hose nipple Ø 10 mm; Ø 0.39 in; 1/4"
- Hose nipple Ø 10 mm; Ø 0.39 in; 3/8"
- CE declaration of conformity
- User manual

ORDERING INFORMATION

- Determine which gun is required and the necessary cable length.
- Select the type of nozzle system (round spray or fan spray).
- Determine which control unit is required and the nozzle size.

Feeding

Mixing

Applying

Control

Moving

Booths

GM 2800EA

Product variants

Description	Cable length	Item no.
Spray gun GM2800 EA	11	179037
Spray gun GM2800 EA 15m Cabel	15	0179047-15
Spray gun GM2800 EA 20m Cabel	20	0179047-20
Spray gun GM2800 EA 25m Cabel	25	0179047-25
Spray gun GM2800 EA 30m Cabel	30	0179047-30
Spray gun GM2800 EA 35m Cabel	35	0179047-35
Spray gun GM2800 EA 40m Cabel	40	0179047-40
Spray gun GM2800 EA 45m Cabel	45	0179047-45
Spray gun GM2800 EA 50m Cabel	50	0179047-50

ORDERING INFORMATION

Description	Item no.			
GM 2800EA Set	2303810 -			
Nozzle systems				
Fan spray 0,8 mm	1			
Fan spray 1,0 mm	2			
Fan spray 1,2 mm	3			
Fan spray 1,4 mm	4			
Fan spray 1,6 mm	5			
Fan spray 1,8 mm	6			
Fan spray 2,0 mm	7			
Round spray Supra	8			
Cable length				
11 m	1			
15 m	2			
20 m	3			
25 m	4			
30 m	5			
35 m	6			
40 m	7			
45 m	8			
50 m	9			
Control unit				
No	1			
VM 200	2			
VM 2000	3			

Attention: The hose package is not mounted when delivered

**GM 2900EAW****TECHNICAL DATA**

Output voltage	70,0 kV
Output current	125 µA
Material pressure	0,0 – 0,8 MPa, 0 – 8 bar, 0 – 116 PSI
Material temperature	60 °C, 140.0 °F
Material connection Ø	12 mm, 0.5 in
Air inlet pressure	0,0 – 0,8 MPa, 0,0 – 8,0 bar, 0 – 116 PSI
Pneumatic connection Ø	13 mm, 0,5 in
Air inlet connection	R 1/4"
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	400 g, 0.88 lb
Max. sound level	79 dB(A)
Length	355,0 mm, 14.0 in
Height	255 mm, 10.0 in

PROCESSABLE MATERIALS

- 1K water-based primer
- 1K water-based paints
- 2K water-based primer
- 2K water-based paints

APPLICATION AREAS

- Machine industry
- Motor vehicle industry
- Metal industry
- Furniture industry
- Bicycle manufacturers
- Galvanizing plants

INCLUDED ITEMS

- GM 2900EAW
- Hose pack
- User manual
- CE declaration of conformity

ORDERING INFORMATION

- The GM 2900EAW works only together with the AquaCoat System.
- Select a AquaCoat Spraypack or configurate your own AquaCoat System.

Feeding

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GM 2900EAW

CE

Product variants**ORDERING INFORMATION**

Hose pack length	Item	Item no.
7.5 m, 24,6 ft	Spray gun GM 2900EAW	353861
10 m, 32,8 ft	Spray gun GM 2900EAW (10 m)	353871
15 m, 49,2 ft	Spray gun GM 2900EAW (15 m)	353872
20 m, 65,6 ft	Spray gun GM 2900EAW (20 m)	353873

SPRAYPACKS**Spraypack AquaCoat Airspray LDG20**

- AquaCoat with VM 2900W 353040
- Spray gun GM 2900EAW (7.5m) 353861
- Pressure Pot LDG 20 stainless steel, w/o V4420160013
- Nozzle set 363232

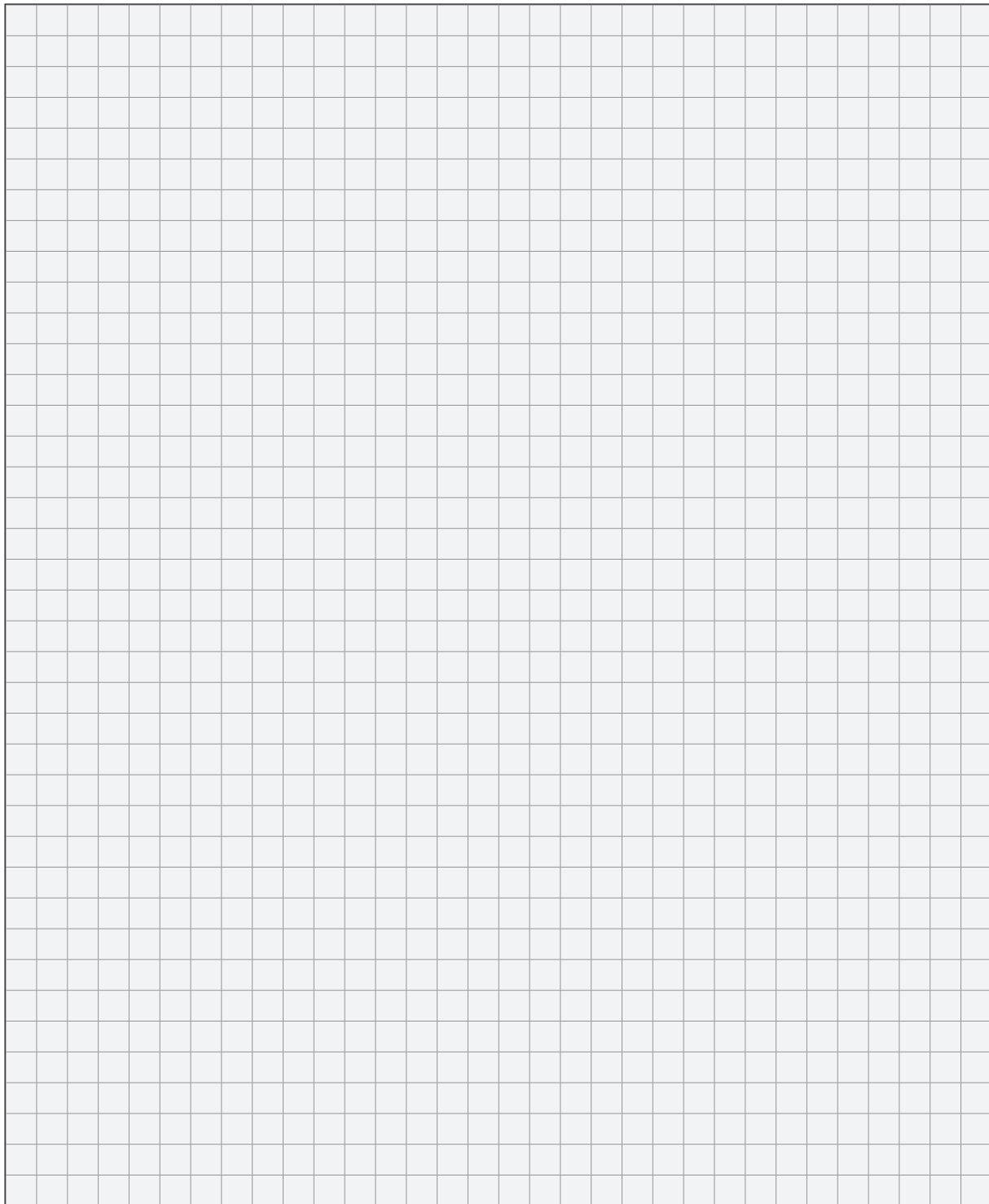
Spraypack AquaCoat Airspray ZIP52

- AquaCoat with VM 2900W 353040
- Spray gun GM 2900EAW (7.5m) 353861
- DDF Zip52 PF STSS1 U551.STSS1
- Nozzle set 363232

Spraypack AquaCoat Airspray EM 5-60S

- AquaCoat with VM 2900W 353040
- Spray gun GM 2900EAW (7.5m) 353861
- Nozzle set 363232
- EvoMotion 5-60 SS PE/T U1S05060P

Notes



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Booths

Electrostatic manual guns - Accessories

Feeding

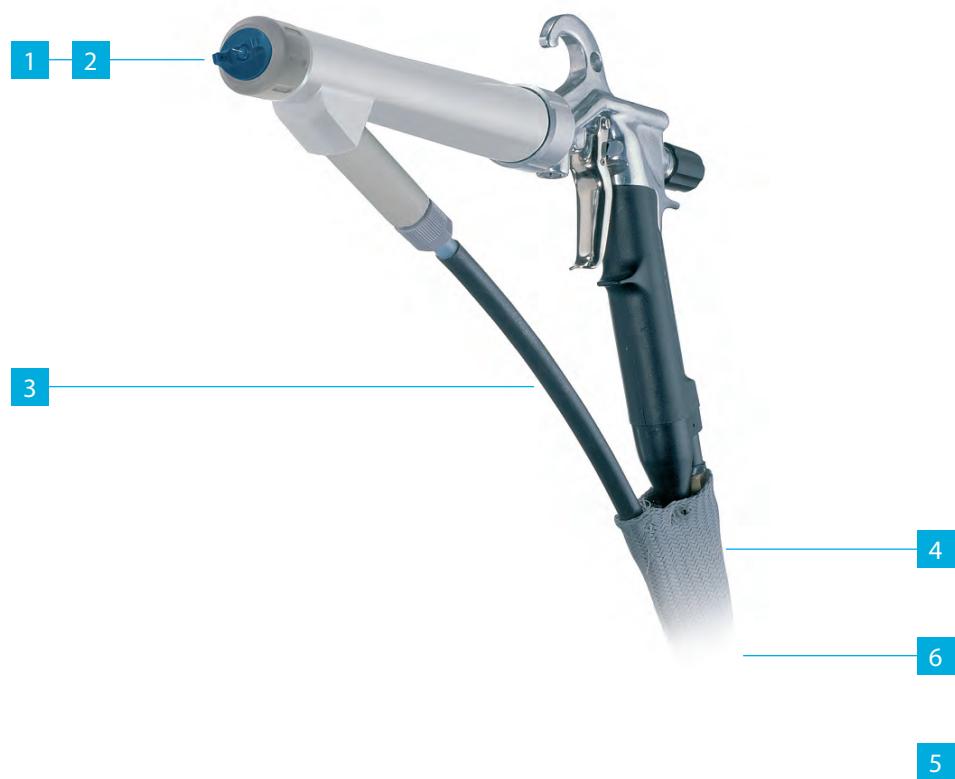
Mixing

Applying

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Moving

Booths



Electrostatic manual guns - Accessories

	GM 2800EA	GM 2900EAW
1 Fan spray atomization		
Nozzle EA 0.8 packed	353969	2303640
Nozzle EAF 1.0	353970	353970
Nozzle packed EA 1.2	353955	353955
Nozzle packed EA 1.4	353956	353956
Nozzle packed EA 1.6	353957	353957
Nozzle packed EA 1.8	353958	353958
Nozzle packed EA 2.0	353959	353959
Nozzle set 0.8 EA/EAW F	363229	363229
Nozzle set 1.0 EA/EAW F	363230	363230
Nozzle set	363231	363231
Nozzle set	363232	363232
Nozzle set	363233	363233
Nozzle set	363234	363234
Nozzle set	363235	363235
Air cap EAF 1.2 packed	353960	353960
Air cap EAF 1.4 packed	353961	353961
Air cap EAF 1.6 packed	353962	353962
Air cap EAF 1.8 packed	353963	353963
Air cap EAF 2.0 packed	353964	353964
Air cap EAF 0.8 packed	353968	2303641
Air cap assy. EAF 1.0	353973	353973
Nozzle EA 0.8 packed	2303640	2303640
Air cap EAF 0.8 packed	2303641	2303641
Nozzle set EAF 0.6	363228	363228
2 Round spray atomization		
Nozzle insert, Supra, packaged	353952	353953
Nozzle body supra packed	353965	353965
Outer nut supra packed	353966	353966
Nozzle set	363238	363235
3 Material hose		
Material hose set EA1	353701	-
4 Air hose		
Air-hose-DN6-G1/4"-8,1m-rubber/PE	128510	-
Air hose assy 10m	139101	-
Air hose assy	179249	-
5 Gun flush box		
GFB for GM2000/2800	377161	-
6 Extension and control cables		
Extension cable handspraygun 7.5m	179228	-
Extension cable handspraygun 10m	2307113	-
Extension cable handspraygun 15m	2307114	-
Extension cable handspraygun 20m	2307116	-
Extension cable handspraygun 25m	2307120	-
Extension cable handspraygun 30m	2307121	-
Extension cable handspraygun 35m	2307122	-
Extension cable handspraygun 40m	2307123	-

Feeding

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Electrostatic manual guns - Accessories

6 Extension and control cables

Extension cable handspraygun 45m	2307124	-
Extension cable handspraygun 50m	2307125	-

Feeding

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Applying

Control

Moving

Booths

**GM 2000EAC****TECHNICAL DATA**

Output voltage	80,0 kV
Output current	100 µA
Material resistance	150 – 1250 kΩ
Material pressure	0,0 – 25,0 MPa, 0 – 250 bar, 0 – 3626 PSI
Material Anschluss	M16 x 1.5
Material temperature	60 °C, 140.0 °F
Air inlet pressure	0,0 – 0,8 MPa, 0,0 – 8,0 bar, 0 – 116 PSI
Air inlet connection	R 1/4"
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	600 g, 1.32 lb
Max. sound level	79 dB(A)
Length	340,0 mm, 13.4 in
Height	255 mm, 10.0 in

PROCESSABLE MATERIALS

- 1K solvent-based paints
- 1K solvent-based primer
- 1K high solid paints
- 1K high solid primer
- 2K solvent-based primer
- 2K solvent-based paints

APPLICATION AREAS

- Metal industry
- Wood industry
- Plastics industry

ATEX CLASSIFICATION

- II 2 G EEx0.24 mJ T6

INCLUDED ITEMS

- GA 2000EAC
- Universal wrench
- Nozzle wrench
- Seal kit, valve rod
- Coupling sleeve M16x1.5-NPSM1/4"
- Notice tag
- CE declaration of conformity
- User manual

ORDERING INFORMATION

- Determine the required nozzle size.
- Determine which control unit is required.
- Determine which additional accessories are required,
e.g. hoses, cables, etc.

Feeding

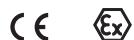
Mixing

Applying

Control

Moving

Booths

GM 2000EAC

Product variants

Nozzle system	Cable length	Description	Item no.
Fan spray	11 m, 36,1 ft	Spray gun GM 2000EACFB	179014
Fan spray	15 m, 49,2 ft	Spray gun GM 2000EACFB 15m Cabel	0179046-15
Fan spray	20 m, 65,6 ft	Spray gun GM 2000EACFB 20m Cabel	0179046-20
Fan spray	25 m, 82,0 ft	Spray gun GM 2000EACFB 25m Cabel	0179046-25
Fan spray	30 m, 98,4 ft	Spray gun GM 2000EACFB 30m Cabel	0179046-30
Fan spray	35 m, 114,8 ft	Spray gun GM 2000EACFB 35m Cabel	0179046-35
Fan spray	40 m, 131,2 ft	Spray gun GM 2000EACFB 40m Cabel	0179046-40
Fan spray	45 m, 147,6 ft	Spray gun GM 2000EACFB 45m Cabel	0179046-45
Fan spray	50 m, 164,0 ft	Spray gun GM 2000EACFB 50m Cabel	0179046-50
Round spray	11 m, 36,1 ft	Spray gun GM 2000EACR	179013
Round spray	15 m, 49,2 ft	Spray gun GM 2000EACR 15m Cabel	0179045-15
Round spray	20 m, 65,6 ft	Spray gun GM 2000EACR 20m Cabel	0179045-20
Round spray	25 m, 82,0 ft	Spray gun GM 2000EACR 25m Cabel	0179045-25
Round spray	30 m, 98,4 ft	Spray gun GM 2000EACR 30m Cabel	0179045-30
Round spray	35 m, 114,8 ft	Spray gun GM 2000EACR 35m Cabel	0179045-35
Round spray	40 m, 131,2 ft	Spray gun GM 2000EACR 40m Cabel	0179045-40
Round spray	45 m, 147,6 ft	Spray gun GM 2000EACR 45m Cabel	0179045-45
Round spray	50 m, 164,0 ft	Spray gun GM 2000EACR 50m Cabel	0179045-50

Feeding

Mixing

Applying

Control

Moving

Booths

**GM 2000EAC****ORDERING INFORMATION**

Description	Item no.								
GM 2000EAC Set	2303811 -								
Nozzle systems									
Fan spray (see nozzle table) e.g.	4	1	3						
Round spray (see nozzle table) e.g.	R	1	3						
Cable length									
11 m				1					
15 m				2					
20 m				3					
25 m				4					
30 m				5					
35 m				6					
40 m				7					
45 m				8					
50 m				9					
Material- & air hose length									
No				1					
7,5 m				2					
10 m				3					
15 m				4					
20 m				5					
Control unit									
No				1					
VM 200				2					
VM 2000				3					

Attention: The hose package is not mounted when delivered!

SERVICE SETS

Spare parts kit EACB	179198
Service kit, paint channel EAC-B	179182
Spare parts kit GM2000 EAC	179941

Feeding

Mixing

Applying

Control

Moving

Booths

GM 2900EACW

CE



ORDERING INFORMATION

- The GM 2900EACW works only together with the AquaCoat System.
- Select a AquaCoat Spraypack or configurate your own AquaCoat System.

PROCESSABLE MATERIALS

- 1K water-based paints
- 2K water-based paints
- 1K water-based primer
- 2K water-based primer

APPLICATION AREAS

- Wood industry
- Metal industry
- Release agent coating

TECHNICAL DATA

Output voltage	70,0 kV
Output current	125 µA
Material pressure	0,0 – 25,0 MPa, 0 – 250 bar, 0 – 3626 PSI
Material Anschluss	M 16x1,5
Material temperature	60 °C, 140.0 °F
Air inlet pressure	0,0 – 0,8 MPa, 0,0 – 8,0 bar, 0 – 116 PSI
Air inlet connection	R 1/4"
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F

INCLUDED ITEMS

- GM 2900EACW
- Hose pack
- User manual
- CE declaration of conformity

CE

GM 2900EACW

Product variants

ORDERING INFORMATION

Nozzle system	Hose pack length	Item	Item no.
Fan spray	7,5 m, 24,6 ft	Spray gun GM 2900EACW	363960
Fan spray	10,0 m, 32,8 ft	Spray gun GM 2900EACW-F (10 m)	363961
Fan spray	15,0 m, 49,2 ft	Spray gun GM 2900EACW-F (15 m)	363962
Fan spray	20,0 m, 65,6 ft	Spray gun GM 2900EACW-F (20 m)	363963
Round spray	7,5 m, 24,6 ft	Spray gun GM 2900EACW-R (7.5 m)	363964
Round spray	10,0 m, 32,8 ft	Spray gun GM 2900EACW-R (10 m)	363965
Round spray	15,0 m, 49,2 ft	Spray gun GM 2900EACW-R (15 m)	363966
Round spray	20,0 m, 65,6 ft	Spray gun GM 2900EACW-R (20 m)	363967

SPRAYPACKS

Spraypack AquaCoat AC EM 20-30S

■ AquaCoat with VM 2900W	363020
■ Spray gun GM 2900EACW-F (7.5m)	353040
■ Filter relief valve combination	363960
■ nozzle ACF-Brillant 11/40	367025
■ EvoMotion 20-30S PE/T	148411
	U6S20030M00

SP Puma 28-40 AquaCoat GM2900EACW

■ AquaCoat with VM 2900W	363021
■ Spray gun GM 2900EACW-F (7.5m)	353040
■ Wagner piston pump 28-40 NPS	363960
■ Filter relief valve combination	367103
■ nozzle ACF-Brillant 11/40	367025
	148411

Feeding

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Booths

Electrostatic manual guns - Accessories

Feeding

Mixing

Applying

Control

Moving

Booths



Electrostatic manual guns - Accessories

	GM 2000EAC	GM 2900EACW
1 Nozzles - flat jet		
Brillant (see nozzle chart)	148xxx	148xxx
3 Airless material hose		
HP-hose-DN6-PN270-M16x1,5-15m-PA	9984507	-
HP-hose-DN4-PN270-M16x1,5-7,5m-PA	9984510	-
HP-hose-DN6-PN270-M16x1,5-10,0m-PA	9984570	-
4 Air hose		
Air-hose-DN6-G1/4"-8,1m-rubber/PE	128510	-
Air hose assy 10m	139101	-
Air hose assy	179249	-
Air hose assy NW6; 10m	0128510-10	-
Air hose assy NW6; 15m	0128510-15	-
Air hose assy NW6; 20m	0128510-20	-
5 Gun flush box		
GFB for GM2000/2800	377161	-
6 Extension and control cables		
Extension cable handspraygun 7,5m	179228	-
Extension cable handspraygun 10m	2307113	-
Extension cable handspraygun 15m	2307114	-
Extension cable handspraygun 20m	2307116	-
Extension cable handspraygun 25m	2307120	-
Extension cable handspraygun 30m	2307121	-
Extension cable handspraygun 35m	2307122	-
Extension cable handspraygun 40m	2307123	-
Extension cable handspraygun 45m	2307124	-
Extension cable handspraygun 50m	2307125	-

Feeding

Mixing

Applying

Control

Moving

Booths

Electrostatic manual guns - Accessories

Nozzle Chart | Brillant

Part-No. 148xxx

To identify the part number of a nozzle, please use the number in the chart and replace the xxx. Example: to order a 411 nozzle use the part no.: 148411



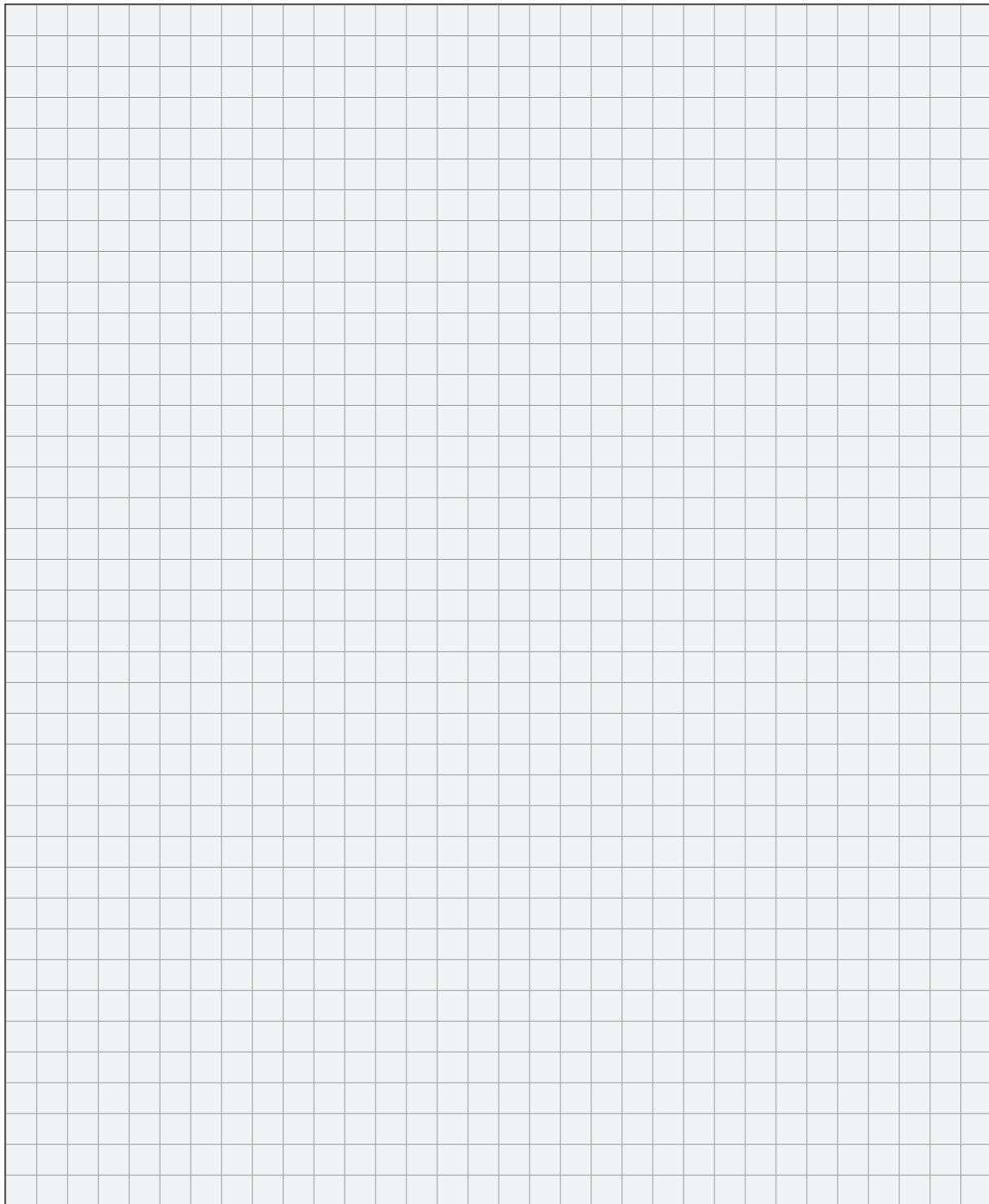
Size	Spray angle							Material filter (in mesh) Edge filter Gun filter	Bore inch (mm)	Material flow* l/min (gal/min)
	10°	20°	30°	40°	50°	60°	80°			
07	107	207		407						
09		209	309	409	509	609				
11	111	211	311	411	511	611	811			
13	113	213	313	413	513	613	813			
15	115	215	315	415	515	615	815			
17		217	317	417	517	617	817			
19		219	319	419	519	619	819			
21		221		421	521	621	821			
23				423		623	823			

55 (2.17)	100 (3.94)	145 (5.71)	195 (7.68)	250 (9.84)	300 (11.81)	400 (15.75)
Average spray width mm (inch)**						

* Measured with water at 100 bar

** Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance,
lacquer 56DIN-4s

Notes



Feeding

Mixing

Applying

Control

Moving

Booths

AquaCoat electrostatic manual

With the new AquaCoat® system, WAGNER has developed a system, which with its sophisticated technology and extensive combination of safety precautions offers optimal protection for the user. AquaCoat offers a high level of safety. The central control unit regulates and controls all functions of the AquaCoat® system. During application, access to the interior of the device is blocked mechanically. The most important safety systems are present in duplicate, thus eliminating a source of danger to the user.

Feeding

Mixing

Applying

Control

Moving

Booths


Central control

A central and user-friendly controller controls and monitors all AquaCoat functions.


Easy to maintain

The guns and hose package are centrally attached to permit them to be exchanged rapidly and to shorten downtime. A pan insert simplifies cleaning of the interior.

High level of safety

The most important safety systems are redundant. The central controller controls and monitors all functions of the AquaCoat system. The interior is inaccessible during use.

High process reliability

A material supply of up to 60 L reduces downtime and increases productivity. Continuous mixing of the material ensures a high surface quality.

Rapid color change

The large front opening enables ready access to the paint supply and a rapid color change.





AquaCoat



INCLUDED ITEMS

- AquaCoat cabinet
- VM 2900W
- Power cable
- Ground cable
- CE declaration of conformity
- User manual

ORDERING INFORMATION

- Select the atomization process.
- Determine which Spraypack you require or assemble a customized AquaCoat system to meet your needs.

PROCESSABLE MATERIALS

- 1K water-based primer
- 1K water-based paints
- 1K water-based glues
- 1K water-based release agents
- 1K high solid primer
- 1K high solid paints

APPLICATION AREAS

- Woodworking industry
- Furniture industry
- Steel industry
- Release agent coating

TECHNICAL DATA

Output voltage 70,0 kV

Output current 125 µA

Total capacity 60 l, 15,85 gal(US)

Length 600,0 mm, 23.6 in

Width 1000 mm, 39.4 in

Height 1390 mm, 54.7 in

Feeding

Mixing

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Booths

AquaCoat

CE

Product variants

Model	AquaCoat Airspray	AquaCoat AirCoat
Atomization process	Airspray	AirCoat
Max. material pressure	0,8 MPa, 8 bar, 116,0 PSI	25,0 MPa, 250 bar, 3.625,9 PSI

BASIC UNITS

Description	Item no.
AquaCoat with VM 2900W	353040



ORDERING INFORMATION

Item	Item no.												
AquaCoat - Airspray	2304604 -												
Pumps/pressure tanks													
LDG 5*		1											
LDG 10*		2											
LDG 20*		3											
MDG 45*		4											
MDG 60*		5											
ZIP 52		6											
EvoMotion 5-60S		7											
Nozzle systems													
Fan spray incl. nozzle set 0,6		1											
Fan spray incl. nozzle set 0,8		2											
Fan spray incl. nozzle set 1,0		3											
Fan spray incl. nozzle set 1,2		4											
Fan spray incl. nozzle set 1,4		5											
Fan spray incl. nozzle set 1,6		6											
Fan spray incl. nozzle set 1,8		7											
Fan spray incl. nozzle set 2,0		8											
Round spray		9											
Agitator													
No		1											
Yes		2											
Level monitor													
No		1											
Yes		2											
Hose pack length													
7,5 m		1											
10 m		2											
15 m		3											
20 m		4											
Insert tank													
No		1											
Yes		2											
Drum cover													
No		1											
Ø 350 mm / 13,79 in		2											
Cart													
No		1											
Yes		2											
Hose holder													
No		1											
Yes		2											

* delivery time on request



AquaCoat

CE

ORDERING INFORMATION

Item	Item no.										
AquaCoat - AirCoat	0363010 -										
Pumps											
EvoMotion 20-30S		1									
Wildcat 10-70		2									
Wildcat 18-40		3									
Puma 15-70		4									
Puma 28-40		5									
Cobra 40-10		6									
Cobra 40-10 on stand		7									
Nozzle systems											
Fan spray (see nozzle table)	e.g.	4	1	3							
Round spray (see nozzle table)	e.g.	R	1	3							
Agitator											
No									1		
Yes									2		
Level monitor											
No									1		
Yes									2		
Hose pack length											
7,5 m									1		
10 m									2		
15 m									3		
20 m									4		
Insert tank/hose holder											
No									1		
Hose holder									2		
Tub insert									3		
Hose holder & tub insert									4		
Drum cover											
No									1		
Ø 350 mm / 13,79 in									2		
High pressure filter/cart											
Filter relief valve combination									1		
High pressure filter									2		
Filter relief valve combination & cart									3		
High pressure filter & cart									4		

* delivery time on request



SPRAYPACKS

Spraypack AquaCoat Airspray LDG20

■ AquaCoat with VM 2900W	353020
■ Spray gun GM 2900EAW (7.5m)	353040
■ Pressure Pot LDG 20 stainless steel, w/o	353861
■ Nozzle set	V4420160013

353020

353040

353861

V4420160013

363232

Spraypack AquaCoat Airspray ZIP52

■ AquaCoat with VM 2900W	353021
■ Spray gun GM 2900EAW (7.5m)	353040
■ DDF Zip52 PF STSS1	353861
■ Nozzle set	U551.STSS1

353021

353040

353861

U551.STSS1

363232

Spraypack AquaCoat Airspray EM 5-60S

■ AquaCoat with VM 2900W	353022
■ Spray gun GM 2900EAW (7.5m)	353040
■ Nozzle set	353861
■ EvoMotion 5-60 SS PE/T	363232

353022

353040

353861

363232

U1S05060P

Spraypack AquaCoat AC EM 20-30S

■ AquaCoat with VM 2900W	363020
■ Spray gun GM 2900EACW-F (7.5m)	353040
■ Filter relief valve combination	363960
■ nozzle ACF-Brillant 11/40	367025
■ EvoMotion 20-30S PE/T	148411

363020

353040

363960

367025

148411

U6S20030M00

SP Puma 28-40 AquaCoat GM2900EACW

■ AquaCoat with VM 2900W	363021
■ Spray gun GM 2900EACW-F (7.5m)	353040
■ Wagner piston pump 28-40 NPS	363960
■ Filter relief valve combination	367103
■ nozzle ACF-Brillant 11/40	367025

363021

353040

363960

367103

367025

148411

Feeding

Mixing

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AquaCoat

CE

Feeding

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Booths



CE

AquaCoat

	AquaCoat Airspray	AquaCoat AirCoat
1 Hose holder		
Hose attachment asm	353050	353050
2 Base frame		
Base frame asm	353051	353051
3 Tub insert		
Insert tank	353052	353052
4 Level monitor		
Level-monitoring with horn	353053	353053
5 Drum cover		
Drum cap D350 without agitator	353054	353054
Drum cap D350 with agitator	353055	353055

Feeding

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Booths

Air atomization automatic guns

You can use WALTHER PILOT automatic guns to spray practically all coating materials. These include not only paints and lacquers but also adhesives, sealants and separating agents. The guns can be used within almost all industry and hand-craft segments. In order to guarantee the highest quality and to save expensive coating material, WALTHER PILOT spray guns are usually available with a large variety of nozzle sizes. Guns are also available as medium pressure, HVLP or HVLP Plus version. This guarantees extremely high transfer efficiency. So why not judge us by our results: the spraying quality, the material savings and our long-term contribution to environmental protection. Last but not least: we guarantee a parts availability for 10 years.

Feeding

Mixing

Applying

Control

Moving

Booths

Quality - "Made in Germany"
 High-precision air cap technology for exceptionally fine atomization, optimum reproducibility and high transfer efficiency.

Make your choice
 Spray guns with internal control (PILOT WA 700, 800 as well as PILOT WA XV);
 Spray guns without internal control (PILOT WA 400). Other guns are available upon request; Spray gun with quick-change adapter (PILOT WA 800).



Reliable
 All material-wetted parts are made of stainless steel. Water-based paints and aggressive media can be processed without problems.

Large assortment of products
 - High-end gun models for Fine Finish applications (PILOT WA 400, WA 700, WA 800)
 - Economical standard model for all common spraying work (PILOT WA XV)
 - Spray guns for small areas available on request

Selection table for air atomizing automatic guns.

The selection table supports you in finding the perfect automatic air atomizing gun from WAGNER. If you have further questions, please contact your WAGNER specialist.

Air atomization
automatic guns

	WA 800	WA 700	WA 400	WA 15 (XV)
Pressure Range				
conventional	■	■	■	■
HVLP plus	□	■	□	□
MP	■	□	■	■
HVLP	■	■	■	■
Control				
internal control	■	■	□	■
external control	■	■	■	□
Specifications				
base plate	■	□	■	□
circulation	■	■	■	■
Nozzles				
nozzle size 0,3 mm	□	□	■	□
nozzle size 0,5 mm	■	■	■	■
nozzle size 0,8 mm	■	■	■	■
nozzle size 1,0 mm	■	■	■	■
nozzle size 1,2 mm	■	■	■	■
nozzle size 1,3 mm	■	■	■	■
nozzle size 1,4 mm	■	■	■	■
nozzle size 1,5 mm	■	■	■	■
nozzle size 1,8 mm	■	■	■	■
nozzle size 2,0 mm	■	■	■	■
nozzle size 2,2 mm	■	■	■	■
nozzle size 2,5 mm	■	■	■	■
nozzle size 3,0 mm	□	□	□	■
nozzle size 3,5 mm	□	□	□	■

Legend

- available
- not available

PILOT WA 400

ORDERING INFORMATION

Item	Item no.			
Pilot WA 400	V2054 006			3
Pilot WA 400 MP	V2055 004			3
Pilot WA 400 LP	V2054 203			3

Nozzle diameter

Nozzle size 0,3 mm	0	3
Nozzle size 0,5 mm	0	5
Nozzle size 0,8 mm	0	8
Nozzle size 1,0 mm	1	0
Nozzle size 1,2 mm	1	2
Nozzle size 1,5 mm	1	5
Nozzle size 1,8 mm	1	8
Nozzle size 2,0 mm	2	0
Nozzle size 2,2 mm	2	2
Nozzle size 2,5 mm	2	5

ATEX CLASSIFICATION

- II 2 G c T 5

TECHNICAL DATA

Material pressure	1,0 MPa, 10 bar, 145 PSI
Max. atomizer pressure	0,8 MPa, 8 bar, 116 PSI
Material inlet	G 1/4"
Control air connection	G 1/8"
Atomizer air connection	G 1/4"
Operating temperature	80 °C, 176.0 °F
Weight	580 g, 1.28 lb
Max. sound level	86 dB(A)
Control type	External control

INCLUDED ITEMS

- PILOT WA 400 with nozzle insert upon choice
- User manual

ORDERING INFORMATION

- Choose between the following versions: conventional spray gun – medium-pressure spray gun, HVLP
- Determine the required nozzle size.

Feeding

Mixing

Applying

Control

Moving

Booths



Pilot WA 700



ORDERING INFORMATION

Item	Item no.			
Pilot WA 700	V207 0006			3
Pilot WA 700 HVLP Plus	V207 4004			3
Pilot WA 700 HVLP	V207 2003			3

Nozzle diameter

Nozzle size 0,5 mm	0	5
Nozzle size 0,8 mm	0	8
Nozzle size 1,0 mm	1	0
Nozzle size 1,2 mm	1	2
Nozzle size 1,5 mm	1	5
Nozzle size 1,8 mm	1	8
Nozzle size 2,0 mm	2	0
Nozzle size 2,2 mm	2	2
Nozzle size 2,5 mm	2	5

ATEX CLASSIFICATION

■ II 2 G c T 5

TECHNICAL DATA

Material pressure	0,8 MPa, 8 bar, 116 PSI
Max. atomizer pressure	0,8 MPa, 8 bar, 116 PSI
Material inlet	G 1/4"
Control air connection	G 1/8"
Atomizer air connection	G 1/4"
Operating temperature	80 °C, 176.0 °F
Weight	729 g, 1.61 lb
Max. sound level	86 dB(A)
Control type	Internal control

INCLUDED ITEMS

- PILOT WA 700 with nozzle insert upon choice
- User manual

ORDERING INFORMATION

- Choose between the following versions: conventional spray gun – HVLP Plus spray gun – HVLP spray gun
- Determine the required nozzle size

PILOT WA 800

ATEX CLASSIFICATION

■ II 2 G c T 5

TECHNICAL DATA

Material pressure	1,0 MPa, 10 bar, 145 PSI
Max. atomizer pressure	0,8 MPa, 8 bar, 116 PSI
Material inlet	G 1/4"
Control air connection	G 1/8"
Operating temperature	80 °C, 176.0 °F
Weight	990 g, 2.18 lb
Max. sound level	86 dB(A)
Control type	Internal control

INCLUDED ITEMS

- PILOT WA 800 with nozzle insert upon choice
- User manual

ORDERING INFORMATION

- Choose between the following versions: conventional spray gun - medium-pressure spray gun - HVLP spray gun
- Determine the required nozzle size.

ORDERING INFORMATION

Item	Item no.			
Pilot WA 800	V208 0006			3
Pilot WA 800 MP	V208 4004			3
Pilot WA 800 LP	V208 2003			3

Nozzle diameter

Nozzle size	0	5
Nozzle size 0,5 mm	0	5
Nozzle size 0,8 mm	0	8
Nozzle size 1,0 mm	1	0
Nozzle size 1,2 mm	1	2
Nozzle size 1,4 mm	1	4
Nozzle size 1,5 mm	1	5
Nozzle size 1,8 mm	1	8
Nozzle size 2,0 mm	2	0
Nozzle size 2,2 mm	2	2
Nozzle size 2,5 mm	2	5



PILOT WA XV



ATEX CLASSIFICATION

II 2 G c T 5

TECHNICAL DATA

Material pressure	1,0 MPa, 10 bar, 145 PSI
Max. atomizer pressure	0,8 MPa, 8 bar, 116 PSI
Material inlet	G 3/8"
Control air connection	G 1/4"
Atomizer air connection	G 1/4"
Operating temperature	80 °C, 176.0 °F
Weight	920 g, 2.03 lb
Max. sound level	86 dB(A)
Control type	Internal control

INCLUDED ITEMS

- PILOT WA XV with nozzle insert upon choice
- User manual

ORDERING INFORMATION

- Choose between the following versions: conventional spray gun – HVLP spray gun
- Determine the required nozzle size

ORDERING INFORMATION

Item	Item No.		
Pilot WA XV	V206 6 203	<input type="checkbox"/>	<input type="checkbox"/>
Pilot WA XV ND	V206 7 203	<input type="checkbox"/>	<input type="checkbox"/>
Nozzle diameter			
Nozzle size 0,5 mm	0	5	
Nozzle size 0,8 mm	0	8	
Nozzle size 1,0 mm	1	0	
Nozzle size 1,2 mm	1	2	
Nozzle size 1,3 mm (LP only)	1	3	
Nozzle size 1,4 mm	1	4	
Nozzle size 1,5 mm	1	5	
Nozzle size 1,8 mm	1	8	
Nozzle size 2,0 mm	2	0	
Nozzle size 2,2 mm	2	2	
Nozzle size 2,5 mm	2	5	

SupraCoat-automatic guns

WAGNER SupraCoat is based on HVLP technology and in comparison to so-called HVLP plug-in systems and conventional air guns offers decisive advantages from all points of view. The low kinetic energy of the paint particles provides a very differentiated spray jet with little over spray or turbulence. Due to the optimised design of the SupraCoat gun, an excellent surface finish is achieved and paints with higher viscosities can also be applied.


High flexibility

Quickly adaptable to different materials (e.g. water- or solvent-based) by simply exchanging the air cap.


Long lifespan

The diaphragm technology ensures a long lifespan coupled with rapid switching times.

Precise material quantity control

Precise dosing can be achieved by setting the needle travel limitation with a digital adjustment on the back of the gun.

Excellent surface finish

The application of HVLP technology guarantees a high transfer efficiency and perfect coating results.

Optimum freedom of motion

The material and air connectors are positioned on the rear for maximum flexibility.

Highly versatile

Internally or externally controlled versions, standard and robot base plates and a wide range of accessories make the gun suitable for universal use.




SupraCoat


PROCESSABLE MATERIALS

- Metallic paints
- 1K high solid paints
- 1K water-based paints
- 1K solvent-based paints
- 2K water-based paints
- 2K solvent-based paints
- 2K high solid paints

APPLICATION AREAS

- Commercial vehicle industry
- Wheel rim coating
- Motor coating
- Gear coating
- Pharmaceutical industry
- Micro corrosion protection
- Leather industry
- Plastics industry

ATEX CLASSIFICATION

- II 2 G X

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel 1.4034
- Stainless steel 1.4305
- Stainless steel 1.4104
- Nickel-plated aluminum
- Nickel-plated brass
- UHMW-PE
- Teflon
- FPM
- POM

TECHNICAL DATA

Material pressure	0,8 MPa, 8 bar, 116 PSI
Material Anschluss	G 1/4"
Material temperature	80 °C, 176.0 °F
Air inlet pressure	0,4 – 0,6 MPa, 4,0 – 6,0 bar, 58 – 87 PSI
Air inlet connection	G 1/8"
Atomizer air connection	G 1/2"
Packing type	Standard
O-ring material	FKM
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Max. sound level	82 dB(A)

INCLUDED ITEMS

- GA 3000SC
- Nozzle set
- CE declaration of conformity
- User manual

ORDERING INFORMATION

- Determine which gun type is required.
- Select the desired nozzle system and air cap.
- Determine whether you require material circulation.
- Select the material and air connections.
- Determine which hoses and accessories are required.

Feeding

Mixing

Applying

Control

Moving

Booths

SupraCoat


Model	GA 3000SCIC	GA 3000SCEC	GA 3000SCEC robot	GA 3000SCEC twin
Control type	Internal control	External control	External control	External control
Type of base plate	Standard	Standard	Robot	Robot
Number of guns	1	1	1	2
O-ring material	FKM	FKM	FKM	FKM
Packing type	Standard	Standard	Standard	Standard
Length	150 mm, 5,9 in	146 mm, 5,7 in	166 mm, 6,5 in	258 mm, 10,2 in
Width	50 mm, 2,0 in	50 mm, 2,0 in	50 mm, 2,0 in	128 mm, 5,0 in
Height	92 mm, 3,6 in	92 mm, 3,6 in	117 mm, 4,6 in	236 mm, 9,3 in
Weight	912 g, 2,0 lb	933 g, 2,1 lb	1236 g, 2,7 lb	3880 g, 8,6 lb

ORDERING INFORMATION

Item no.	GA 3000SCIC	GA 3000SCEC	GA 3000SCEC robot	GA 3000SCEC twin
0,30 mm, 0,01 in	383008	383017	383027	383067
0,50 mm, 0,02 in	383001	383010	383020	383060
0,80 mm, 0,03 in	383002	383011	383021	383061
1,00 mm, 0,04 in	383003	383012	383022	383062
1,25 mm, 0,05 in	383004	383013	383023	383063
1,60 mm, 0,06 in	383005	383014	383024	383064
2,00 mm, 0,08 in	383006	383015	383025	383065
2,50 mm, 0,10 in	383007	383016	383026	383066

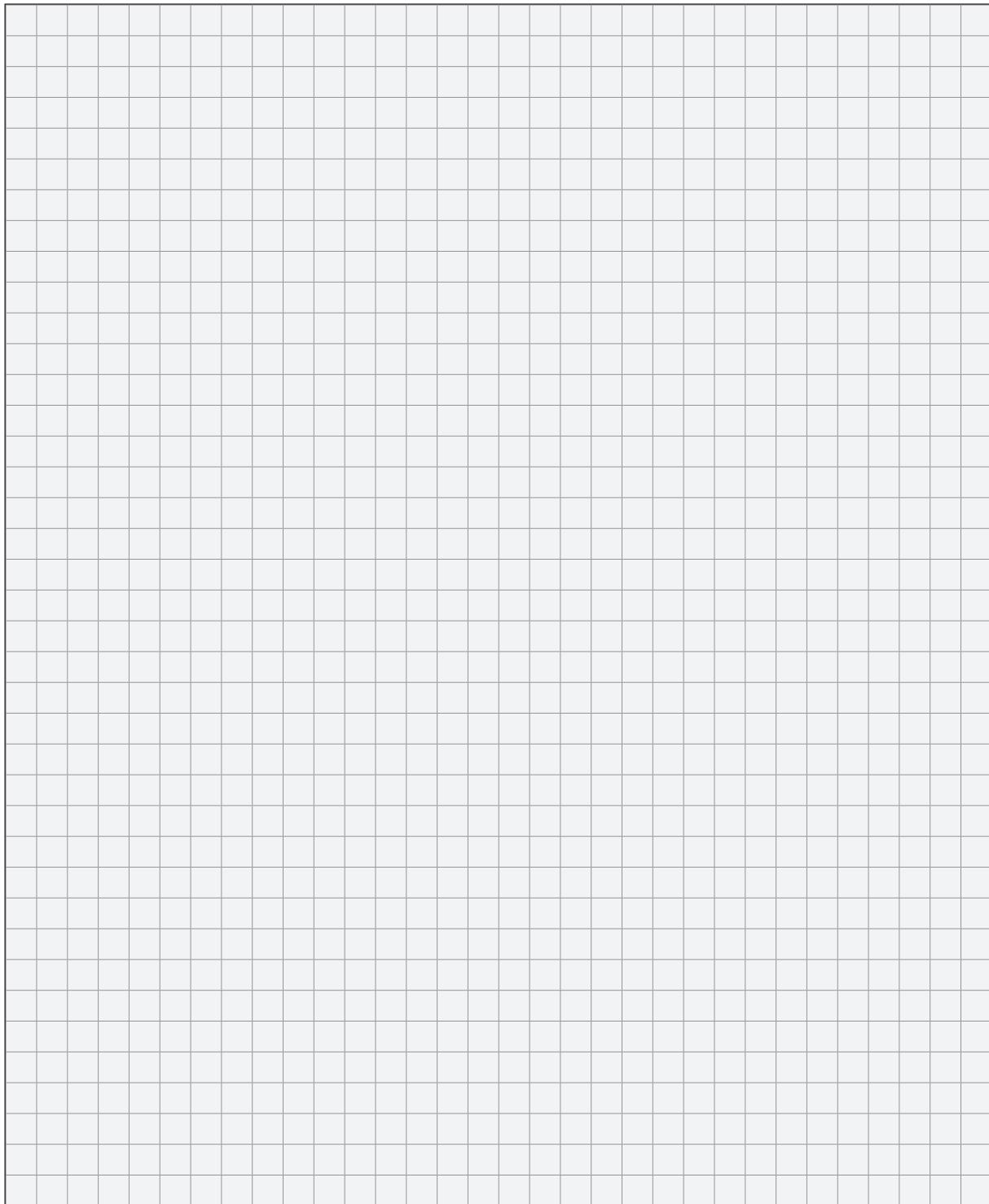
SERVICE SETS - GA 3000SCIC

Service set GA3000SC IC	383970
Service set gun body IC assy.	383971
Service set base plate IC assy.	383972

SERVICE SETS - GA 3000SCEC

Service set GA3000SC EC	383975
Service set gun body EC assy.	383976
Service set base plate EC assy.	383977
Service set base plate SC_TWIN assy.	383978
Service set AIR VALVE	383979

Notes



Feeding

Mixing

Applying

Control

Moving

Booths

SupraCoat-automatic guns - Accessories

Feeding

Mixing

Applying

Control

Moving

Booths



SupraCoat-automatic guns - Accessories

	GA 3000SCIC	GA 3000SCEC
1 Aircap		
Air cap SC3000 2.00	383920	383920
Air cap SC3000 2.50	383921	383921
Air cap SC3000 3.15	383922	383922
Air cap SC3000 4.00	383923	383923
2 Nozzles		
Nozzle SC3000 0.50 set	383930	383930
Nozzle SC3000 0.80 set	383931	383931
Nozzle SC3000 1.00 set	383932	383932
Nozzle SC3000 1.25 set	383933	383933
Nozzle SC3000 1.60 set	383934	383934
Nozzle SC3000 2.00 set	383935	383935
Nozzle SC3000 2.50 set	383936	383936
Nozzle SC3000 0.3 set	383937	383937
4 Air hose		
SupraCoat hose D20	9999178	9999178
Hose blue	9987095	9987095
4 Sealing pin circulation		
Lock pin assy.	380923	380923
Lock pin assy. UV	380963	380963
4 Air hose		
Tube red, D8	9982063	9982063
HOSE GREEN	9982077	9982077
5 Material connection		
Connecting kit C D19	383960	383960
Connecting kit C M24x1.5-d19	383961	383961
Hose clip M24x1.5-d19	383962	383962
6 Mounting accessories		
Holder standard 180	380941	380941
Holder turnable	380942	380942
Part-turn valve actuator assy.	380943	380943
Holder turnable 40/40/5	380945	380945
Robot adapter Fanuc to ABB	-	383980
Robot adapter Fanuc to B&M	-	383981
Robot adapter Fanuc to ABB IRB 1400	-	383982
Robot adapter Fanuc to ABB D93	-	383985

Feeding

Mixing

Applying

Control

Moving

Booths

SupraCoat AirCenter

CE

**TECHNICAL DATA**

Protection class	IP 55
Compressor air temperature	120 °C, 248 °F

ORDERING INFORMATION

- Select the required compressor.
- Determine which accessories are required.

CE

SupraCoat AirCenter**Product variants**

Item	SupraCoat AirCenter 3000 (50 Hz)	SupraCoat AirCenter 3000 (60 Hz)	SupraCoat AirCenter 3200 (1 compressor in cabinet)	SupraCoat AirCenter 3400 (2 compressors in cabinet)
Max. number of guns	4	4	4	8
Max. air outlet pressure	0.65 bar	0.58 bar	0.65 bar	0.65 bar
Volumetric flow rate	125 m ³ /h	147 m ³ /h	125 m ³ /h	250 m ³ /h
Motor power	5.5 kW	6.5 kW	5.5 kW	11 kW
Max. input frequency	50 Hz	60 Hz	50 Hz	50 Hz
Input voltage	200 – 255/346 – 440 V	200 – 277/346 – 480 V	200 – 255/346 – 440 V	200 – 255/346 – 440 V
Input frequency			25 – 50 Hz	25 – 50 Hz
Length	884 mm, 34,8 in	884 mm, 34,8 in	704 mm, 27,7 in	704 mm, 27,7 in
Width	458 mm, 18,0 in	458 mm, 18,0 in	1000 mm, 39,4 in	1000 mm, 39,4 in
Height	529 mm, 20,8 in	529 mm, 20,8 in	2100 mm, 82,7 in	2100 mm, 82,7 in
Weight	88 kg, 194 lb	88 kg, 194 lb	330 kg, 728 lb	460 kg, 1014 lb
Item no.	376030	376031	376032	376033

Feeding

Mixing

Applying

Control

Moving

Booths

SupraCoat Controller

CE



TECHNICAL DATA

Air inlet pressure	0,0 – 1,0 MPa, 0,0 – 10,0 bar, 0 – 145 PSI
Air inlet connection	G 1/2"
Air outlet connection	G 3/4"
Max. number of guns	1
Air consumption	400,0 m ³ /h
Max. sound level	83 dB(A)
Width	130 mm, 5.1 in
Height	210 mm, 8.3 in

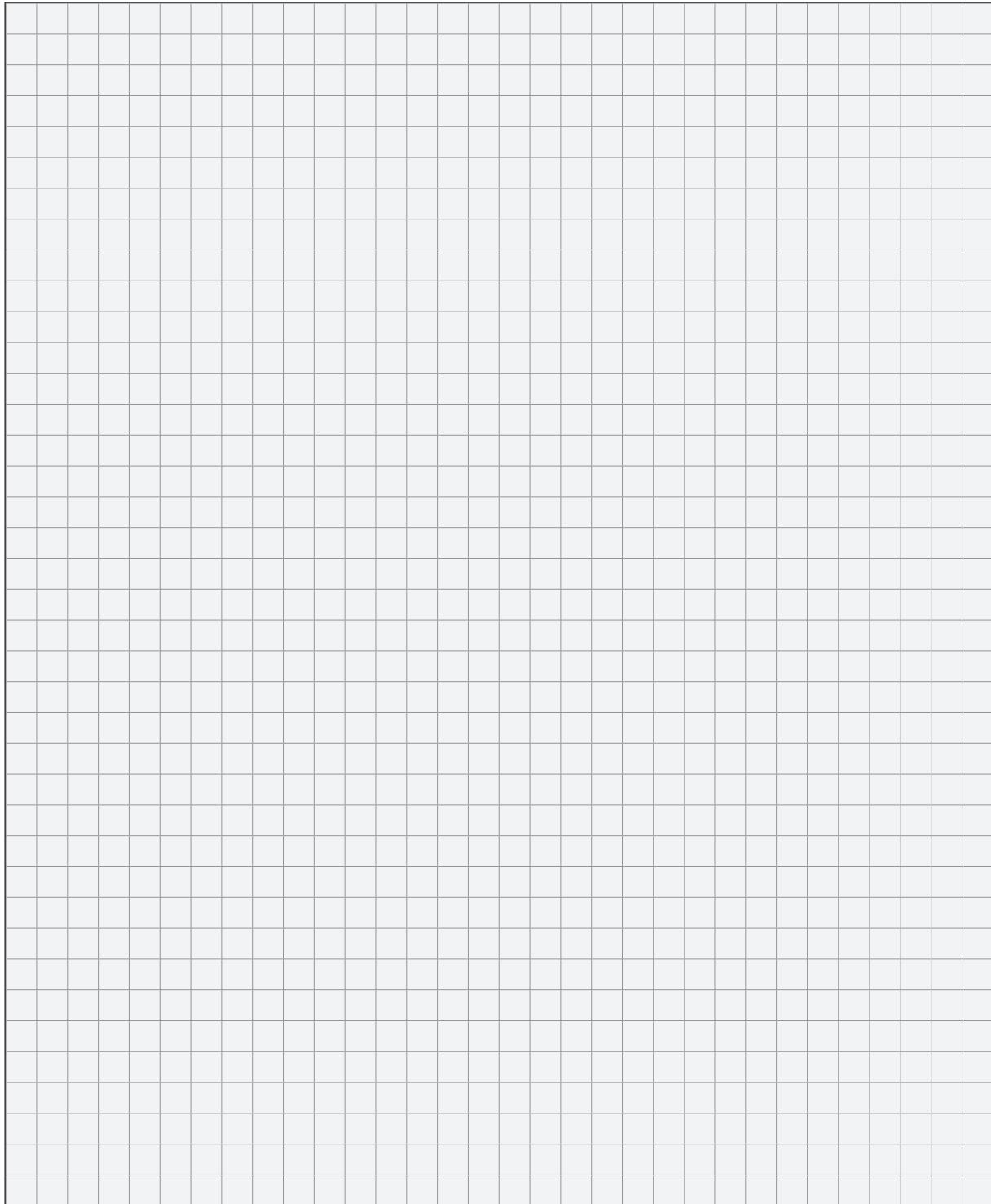
ORDERING INFORMATION

- Select the controller.
- Determine which accessories are required.

ORDERING INFORMATION

Description	Item no.
SupraCoat Controller	376010

Notes



Feeding

Mixing

Applying

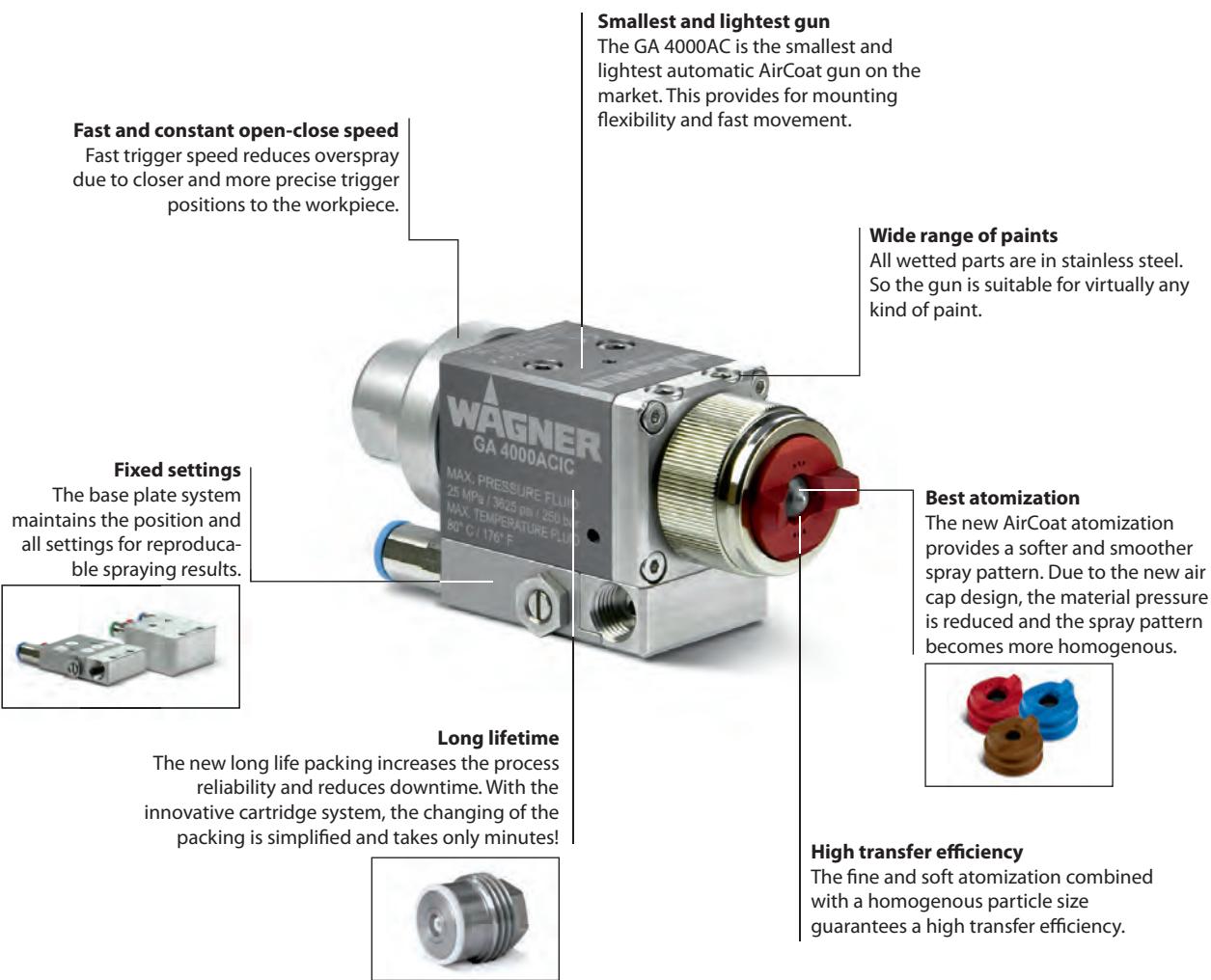
Control

Moving

Booths

AirCoat automatic guns

The innovative WAGNER automatic AirCoat guns employ our brand new AirCoat atomization process to produce the finest finishing results ever. These guns meet all market demands - highest flexibility, ultra light weight, compact dimensions and new long life packing for high process reliability.



**GA 4000AC****TECHNICAL DATA**

Material pressure	25,0 MPa, 250 bar, 3626 PSI
Material connection	G 1/4"
Material temperature	80 °C, 176.0 °F
Air inlet pressure	0,0 – 0,8 MPa, 0,0 – 8,0 bar, 0 – 116 PSI
Shaping air connection	G 1/8"
Control air connection	G 1/8"
Atomizer air connection	G 1/8"
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Max. sound level	82 dB(A)

PROCESSABLE MATERIALS

- Top coat paints
- Primers
- Corrosion protection
- Textured paints
- Stains
- Clear coats
- Water-based release agents
- Solvent-based release agents

APPLICATION AREAS

- Wood industry
- Metal industry
- Steel industry
- Glass coating
- Leather industry

ATEX CLASSIFICATION

- II 2 G X

MATERIAL WETTED PARTS

- Stainless steel
- Tungsten carbide
- UHMW-PE
- PTFE
- POM
- PA
- EPDM

Feeding

Mixing

Applying

Control

Moving

Booths

GA 4000AC

Product variants


Model	GA 4000ACIC	GA 4000ACEC
Control type	Internal control	External control
Length	129 mm, 5,1 in	115 mm, 4,5 in
Width	47 mm, 1,9 in	47 mm, 1,9 in
Height	60 mm, 2,4 in	60 mm, 2,4 in
Weight	678 g, 1,5 lb	637 g, 1,4 lb

ORDERING INFORMATION - GA 4000ACIC

Material connection	Description	Item no.
	Gun GA 4000ACIC	2312132
rear	Base plate GA 4000ACIC-R	2308810
side	Base plate GA 4000ACIC side con.	2312144

ORDERING INFORMATION - GA 4000ACEC

Type of base plate	Material connection	Description	Item no.
		Gun GA 4000ACEC	2312145
Standard	side	Base plate GA 4000ACEC side con.	2312146
Standard	rear	Base plate GA 4000ACEC-R	2308812
Robot		Base plate GA 4000ACEC-Fanuc Robot	2313677

SERVICE SETS - GA 4000ACIC
Service-set Baseplate GA 4000ACIC 2314355

**GA 4000AC**

SERVICE SETS - GA 4000ACEC

Service-set Baseplate GA 4000ACEC 2314356

SPRAYPACKS

Set GA 4000ACIC-S

- | | |
|------------------------------------|----------------|
| ■ Gun GA 4000ACIC | 2313558 |
| ■ Base plate GA 4000ACIC side con. | 2312132 |
| | 2312144 |

Set GA 4000ACIC-R

- | | |
|----------------------------|----------------|
| ■ Gun GA 4000ACIC | 2313559 |
| ■ Base plate GA 4000ACIC-R | 2312132 |
| | 2308810 |

SPRAYPACKS

Set GA 4000ACEC-R

- | | |
|------------------------------------|----------------|
| ■ Gun GA 4000ACEC | 2313560 |
| ■ Base plate GA 4000ACEC side con. | 2312145 |
| | 2312146 |

Feeding

Mixing

Applying

Control

Moving

Booths

AirCoat automatic guns - Accessories

Feeding

Mixing

Applying

Control

Moving

Booths



AirCoat automatic guns - Accessories

	GA 4000ACIC	GA 4000ACEC
1 Aircap		
Air cap HV plus (blue / GA 4000AC)	2308809	2308809
Air cap LV plus (red / GA 4000AC)	2308808	2308808
Air cap LA plus (bronze / GA 4000AC)	2313493	2313493
2 Nozzles - flat jet		
ACF 3000 (see nozzle chart)	379xxx	379xxx
3 Round spray nozzle holder		
ROUND JET NOZZLE ADAPTER	394180	394180
4 Nozzle - round jet		
Nozzle insert R11	132720	132720
Nozzle insert R12	132721	132721
Nozzle insert R13	132722	132722
Nozzle insert R14	132723	132723
Nozzle insert R15	132724	132724
Nozzle insert R16	132725	132725
Nozzle insert R17	132726	132726
Nozzle insert R18	132727	132727
Nozzle insert R19	132728	132728
Nozzle insert R20	132729	132729
Nozzle insert R21	132730	132730
Nozzle insert R22	132731	132731
5 Material connection		
Elbow screw-in socket	2314065	2314065
Screw-in socket	350550	350550
6 Sealing pin circulation		
Lock pin assy.	2310534	2310534
Lock pin FKM assy.	2314064	2314064
7 Mounting accessories		
Holder standard 180	380941	380941
Holder turnable	380942	380942
Part-turn valve actuator assy.	380943	380943
Adapter plate Cefla	2314079	2314079
Robot adapter Fanuc to ABB	-	383980
Robot adapter Fanuc to B&M	-	383981
Robot adapter Fanuc to ABB IRB 1400	-	383982
Robot adapter Fanuc to ABB D93	-	383985
8 Nozzle extensions		
Nozzle extension AC 300	394090	394090
Nozzle extension AC 600	394091	394091

Feeding

Mixing

Applying

Control

Moving

Booths

AirCoat automatic guns - Accessories

Nozzle Chart | ACF 3000

Part-No. 379xxx

To identify the part number of a nozzle, please use the number in the chart and replace the xxx. Example: to order a 411 nozzle use the part no.: 379411

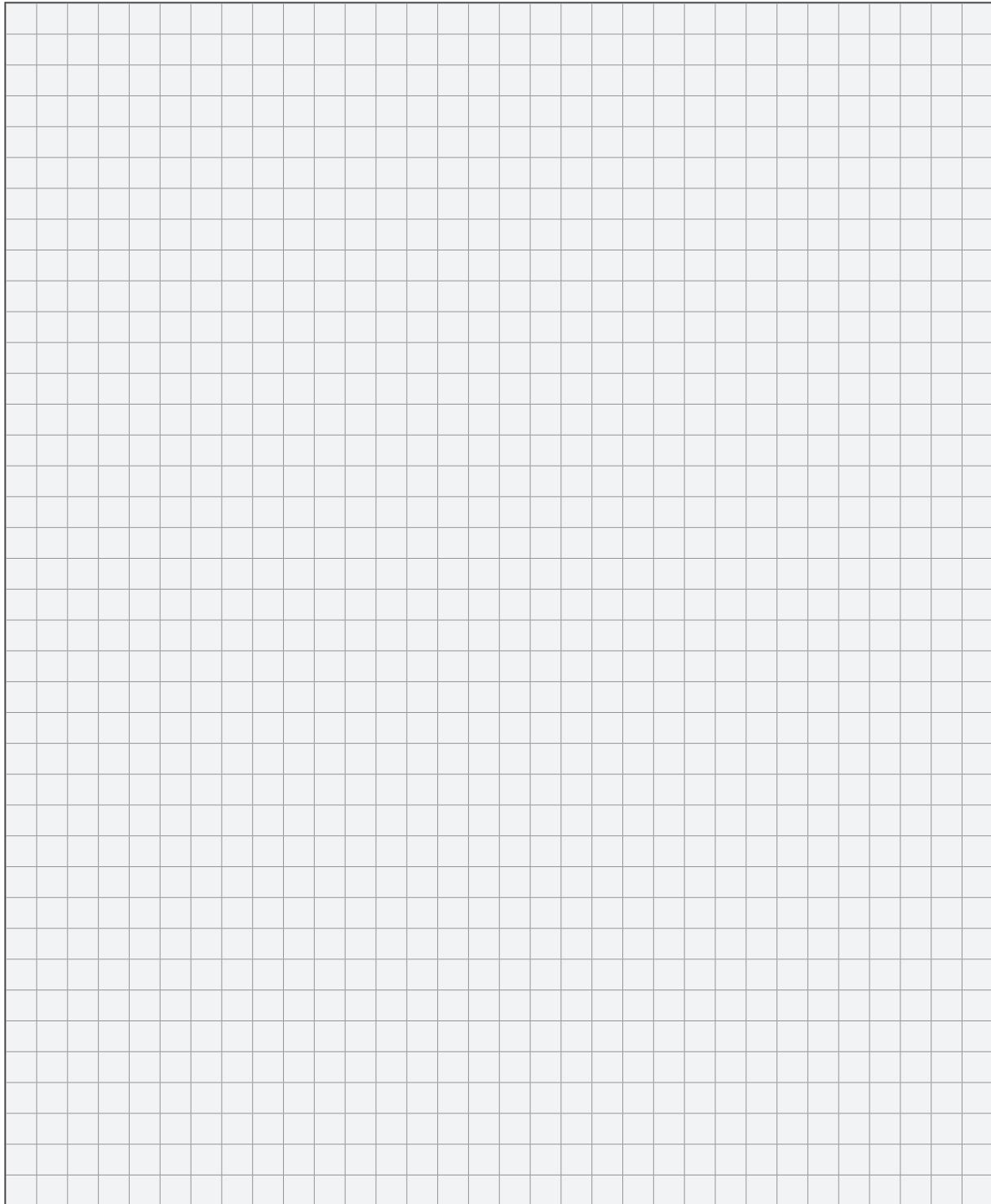


Size	Spray angle							Material filter (in mesh) Edge filter Gun filter	Bore inch (mm)	Material flow* l/min (gal/min)																						
	10°	20°	30°	40°	50°	60°	80°																									
07	107	207		407																												
09		209	309	409	509	609																										
11	111	211	311	411	511	611	811																									
13	113	213	313	413	513	613	813																									
15	115	215	315	415	515	615	815																									
17		217	317	417	517	617	817																									
19		219	319	419	519	619	819																									
21		221		421	521	621	821																									
23				423		623	823																									
<table border="1" style="width: 100%; text-align: center;"> <tr> <td>55 (2.17)</td> <td>100 (3.94)</td> <td>145 (5.71)</td> <td>195 (7.68)</td> <td>250 (9.84)</td> <td>300 (11.81)</td> <td>400 (15.75)</td> <td colspan="4"></td> </tr> <tr> <td colspan="7">Average spray width mm (inch)**</td><td colspan="4"></td></tr> </table>											55 (2.17)	100 (3.94)	145 (5.71)	195 (7.68)	250 (9.84)	300 (11.81)	400 (15.75)					Average spray width mm (inch)**										
55 (2.17)	100 (3.94)	145 (5.71)	195 (7.68)	250 (9.84)	300 (11.81)	400 (15.75)																										
Average spray width mm (inch)**																																

* Measured with water at 100 bar

 ** Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance,
lacquer 56DIN-4s

Notes



Feeding

Mixing

Applying

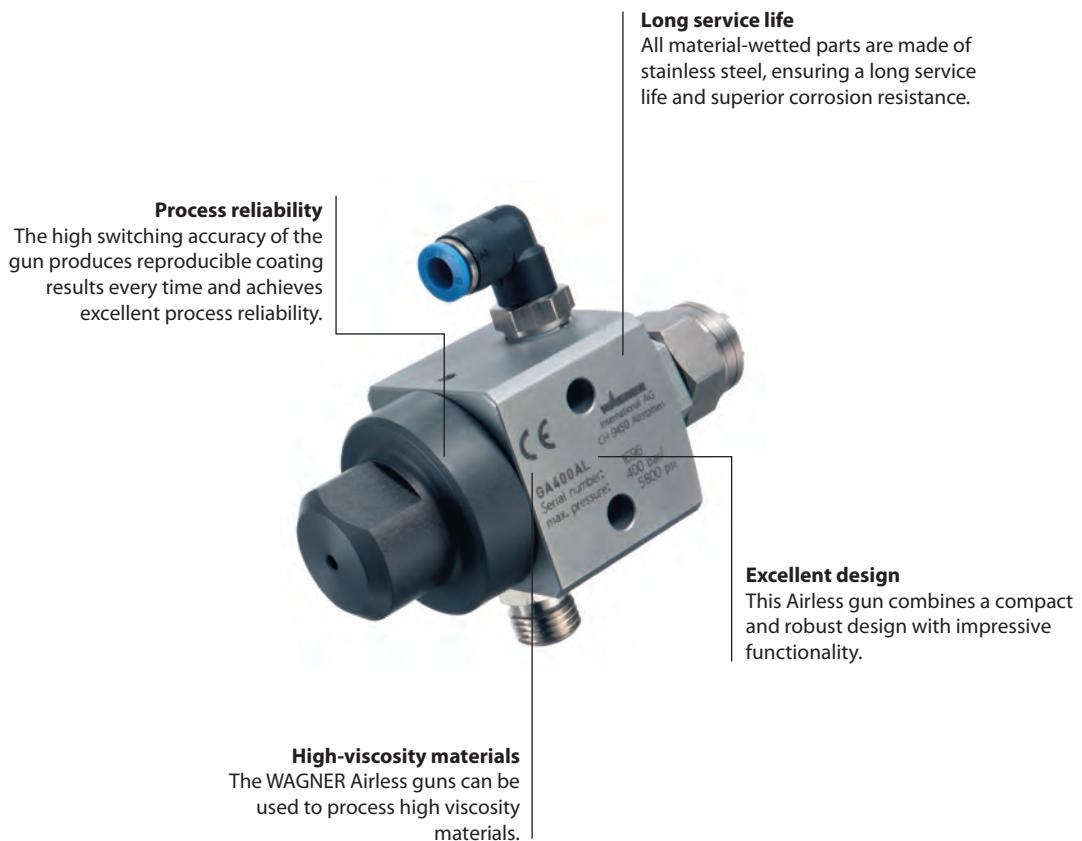
Control

Moving

Booths

Airless automatic guns

On the airless automatic gun, all material wetted parts are made in stainless steel. The design of this airless gun lays stress on a compact and robust build, with, at the same time, large openings and high switching precision. A comprehensive range of accessories allows both the manual and the automatic guns to be optimally adapted to the application.



**GA 250/400AL****PROCESSABLE MATERIALS**

- Top coat paints
- Primers
- Corrosion protection
- Textured paints
- Stains
- Clear coats
- Water-based release agents
- Solvent-based release agents
- Oils

APPLICATION AREAS

- Furniture industry
- Plastics industry
- Textile industry
- Machinery industry

ATEX CLASSIFICATION

- II 2 G X

MATERIAL WETTED PARTS

- Tungsten carbide
- Stainless steel
- UHMW-PE
- Nylon
- Urethane
- Materials

TECHNICAL DATA

Material temperature	60 °C, 140.0 °F
Air inlet pressure	0,5 – 0,8 MPa, 4,5 – 8,0 bar, 65 – 116 PSI
Control air connection	G 1/8"
Number of guns	1
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	545 g, 1.20 lb
Max. sound level	84 dB(A)
Control type	Internal control
Type of base plate	Standard
Length	104,0 mm, 4.1 in
Width	40 mm, 1.6 in
Height	40 mm, 1.6 in

INCLUDED ITEMS

- GA 250/400AL
- CE declaration of conformity
- User manual

ORDERING INFORMATION

- Select the gun type.
- Select the desired nozzle.
- Determine which connections are required.

Feeding

Mixing

Applying

Control

Moving

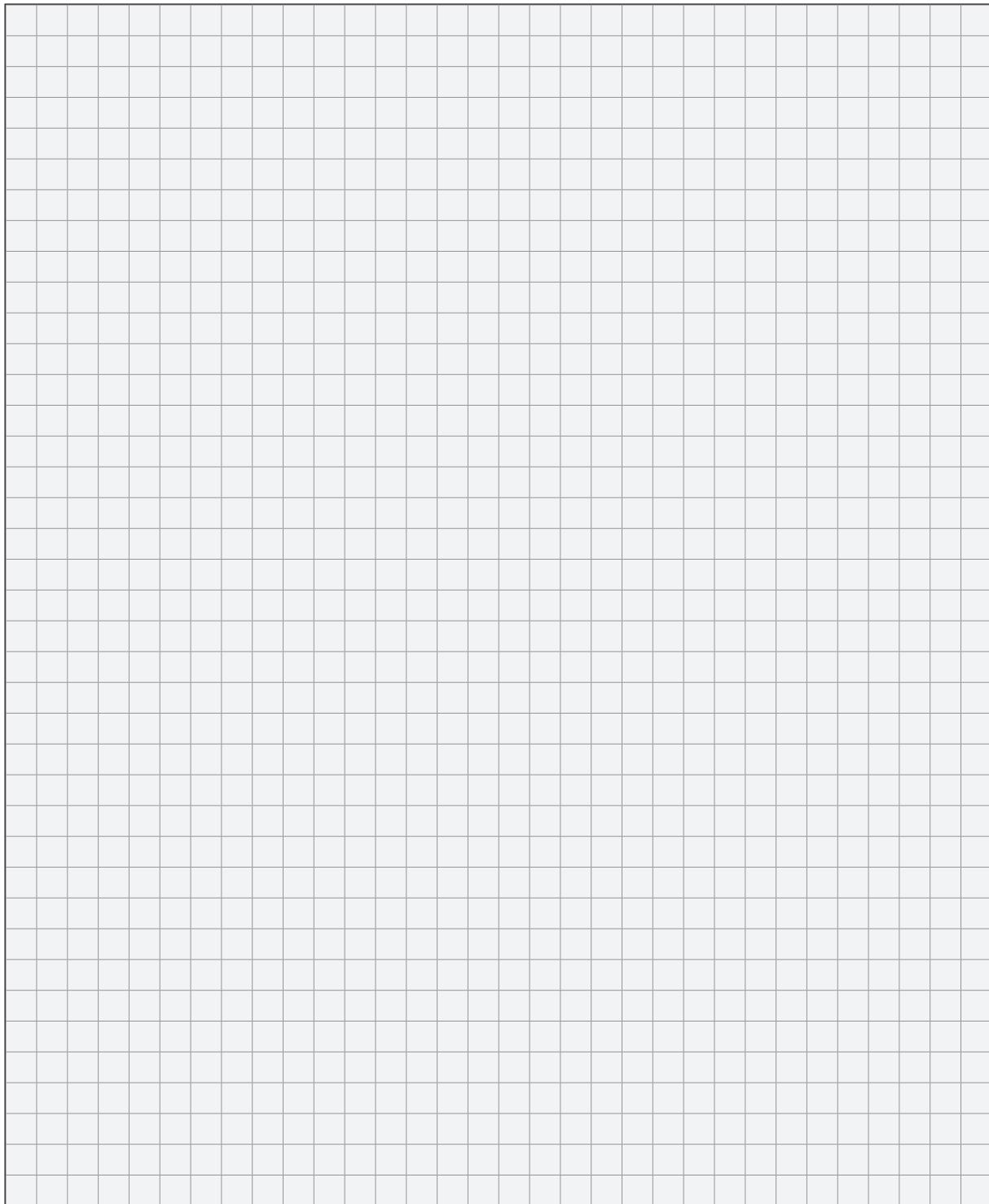
Booths

GA 250/400AL**Product variants**

Model	GA 250AL	GA 400AL
Max. material pressure	25,0 MPa, 250 bar, 3.625,9 PSI	40,0 MPa, 400 bar, 5.801,5 PSI
Item no.	350033	350032

SERVICE SETSService kit GA250AL+GA400AL 350883

Notes



Feeding

Mixing

Applying

Control

Moving

Booths

Airless automatic guns - Accessories

Feeding

Mixing

Applying

Control

Moving

Booths



Airless automatic guns - Accessories

	GA 250AL	GA 400AL
1 Nozzle holder		
Contact guard assy.	335209	335209
Wagner Tip "F" retainer	1088001	1088001
Wagner Profi Tip HP "F" reversing switch	1006003	1006003
2 Nozzles - flat jet		
Standard Nozzle (see nozzle chart)	90xxx	90xxx
Wagner Tip	1088xxx	1088xxx
Wagner Profi Tip HP (see nozzle chart)	1006xxx	1006xxx
3 Pre-atomizer		
Pre-atomizer tip hv10 with gasket	999221	999221
Pre-atomizer tip hv12 with gasket	999222	999222
Pre-atomizer tip hv14 with gasket	999223	999223
Pre-atomizer tip hv16 with gasket	999224	999224
Pre-atomizer tip hv19 with gasket	999225	999225
Pre-atomizer tip hv22 with gasket	999226	999226
Pre-atomizer tip hv27 with gasket	999227	999227
Pre-atomizer tip hv8 with gasket	999220	999220
4 Air connection		
Elbow	9998110	9998110
5 Material connection		
Screw-in socket	350499	350550
Screw-in socket	350550	-
6 Mounting accessories		
Holding device D14 GA250AL, GA400AL	350480	350480
Holding device D16 GA250AL, GA400AL	350497	350497
Holder turnable	380942	380942
Part-turn valve actuator assy.	380943	380943

Feeding

Mixing

Applying

Control

Moving

Booths

Airless automatic guns - Accessories

Nozzle Chart | Standard Tip

Part-No. 90xxx

To identify the part number of a nozzle, please use the number in the chart and replace the xxx. Example: to order a 411 nozzle use the part no.: 90411



Size	Spray angle								Material filter (in mesh)	Bore	Material flow* l/min (gal/min)	
	10°	20°	30°	40°	50°	60°	70°	80°				
07***				407	507							
09***		209	309	409	509	609						
11	111	211	311	411	511	611						
13	113	213	313	413	513	613		813				
15	115	215	315	415	515	615	715	815				
17		217	317	417	517	617	717					
19		219	319	419	519	619	719	819				
21		221		421	521	621		821				
23		223		423	523	623	723	823				
25		225		425	525	625		825				
27		227		427	527	627		827				
29						629						
31		231		431	531	631						
33				433								
35		235		435	535	635						
39							839					
43		243			543							
52					552							
51 (2.0)	104 (4.0)	152 (6.0)	203 (8.0)	254 (10.0)	305 (12.0)	356 (14.0)	406 (16.0)					
Average spray width (inch)**												

* Measured with water at 100 bar

** Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance,
lacquer 56DIN-4s

*** Average spray width may vary

Airless automatic guns - Accessories

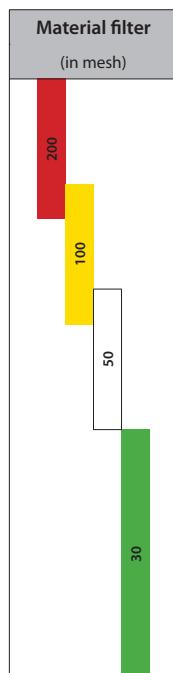
Nozzle Chart | Wagner Tip

Part-No. 1088xxx

To identify the part number of a nozzle, please use the number in the chart and replace the xxx. Example: to order a 411 nozzle use the part no.: 1088411



Size	Spray angle							
	10°	20°	30°	40°	50°	60°	70°	80°
07***				407				
09***		209	309	409	509	609		
11	111	211	311	411	511	611		
13	113	213	313	413	513	613		813
15	115	215	315	415	515	615	715	815
17		217	317	417	517	617	717	
19		219	319	419	519	619	719	819
21		221		421	521	621		821
23		223		423	523	623	723	823
25		225		425	525	625		825
27		227		427	527	627		827
29						629		
31		231		431	531	631		
33				433				
35		235		435	535	635		
43		243			543			
52					552			



Material filter (in mesh)	Bore	Material flow*
	inch (mm)	l/min (gal/min)
200	0.007 (0.18)	0.23 (0.061)
100	0.009 (0.23)	0.26 (0.069)
50	0.011 (0.28)	0.38 (0.100)
30	0.013 (0.33)	0.55 (0.145)
	0.015 (0.38)	0.75 (0.198)
	0.017 (0.43)	0.96 (0.254)
	0.019 (0.48)	1.20 (0.317)
	0.021 (0.53)	1.45 (0.383)
	0.023 (0.58)	1.62 (0.428)
	0.025 (0.64)	1.92 (0.507)
	0.027 (0.69)	2.25 (0.594)
	0.029 (0.75)	2.57 (0.679)
	0.031 (0.79)	2.95 (0.779)
	0.033 (0.83)	3.35 (0.885)
	0.035 (0.90)	3.80 (1.004)
	0.043 (1.10)	5.89 (1.556)
	0.052 (1.30)	6.14 (1.622)

51 (2.0)	104 (4.0)	152 (6.0)	203 (8.0)	254 (10.0)	305 (12.0)	356 (14.0)	406 (16.0)
Average spray width (inch)**							

* Measured with water at 100 bar

** Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance,
lacquer 56DIN-4s

*** Average spray width may vary

Feeding

Mixing

Applying

Control

Moving

Booths

Airless automatic guns - Accessories

Nozzle Chart | Wagner Profi Tip HD

Part-No. 1006xxx

To identify the part number of a nozzle, please use the number in the chart and replace the xxx. Example: to order a 411 nozzle use the part no.: 1006411



Size	Spray angle							
	10°	20°	30°	40°	50°	60°	70°	80°
07***				407				
09***		209	309	409	509	609		
11	111	211	311	411	511	611		
13	113	213	313	413	513	613		813
15	115	215	315	415	515	615	715	815
17		217	317	417	517	617	717	
19		219	319	419	519	619	719	819
21		221		421	521	621		821
23		223		423	523	623	723	823
25		225		425	525	625		825
27		227		427	527	627		827
29						629		
31		231		431	531	631		
33				433				
35		235		435	535	635		
43		243			543			
52					552			

Material filter (in mesh)
200
100
50
30

Bore inch (mm)	Material flow* l/min (gal/min)
0.007 (0.18)	0.23 (0.061)
0.009 (0.23)	0.26 (0.069)
0.011 (0.28)	0.38 (0.100)
0.013 (0.33)	0.55 (0.145)
0.015 (0.38)	0.75 (0.198)
0.017 (0.43)	0.96 (0.254)
0.019 (0.48)	1.20 (0.317)
0.021 (0.53)	1.45 (0.383)
0.023 (0.58)	1.62 (0.428)
0.025 (0.64)	1.92 (0.507)
0.027 (0.69)	2.25 (0.594)
0.029 (0.75)	2.57 (0.679)
0.031 (0.79)	2.95 (0.779)
0.033 (0.83)	3.35 (0.885)
0.035 (0.90)	3.80 (1.004)
0.043 (1.10)	5.89 (1.556)
0.052 (1.30)	6.14 (1.622)

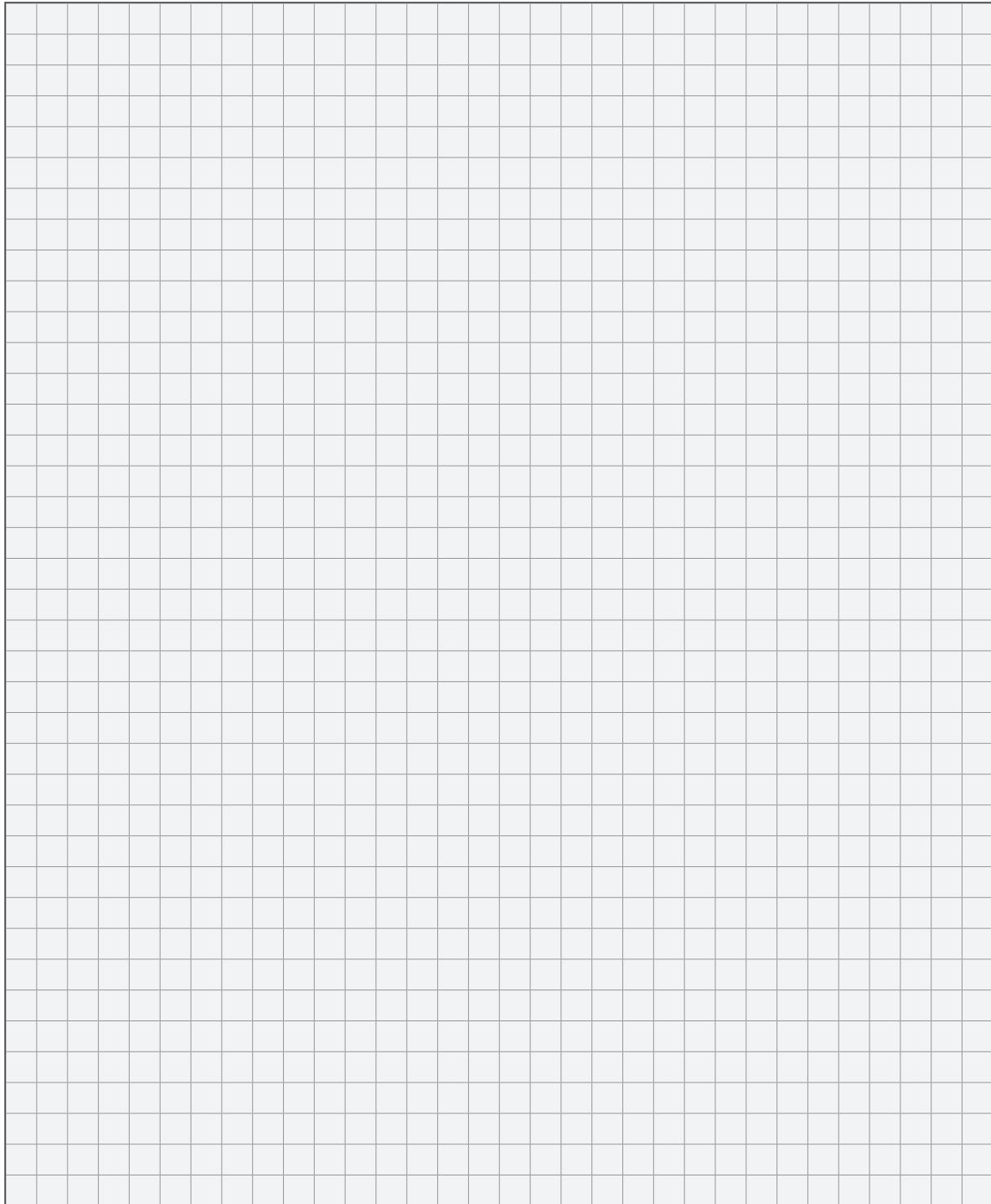
51 (2.0)	104 (4.0)	152 (6.0)	203 (8.0)	254 (10.0)	305 (12.0)	356 (14.0)	406 (16.0)
Average spray width (inch)**							

* Measured with water at 100 bar

** Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance,
lacquer 56DIN-4s

*** Average spray width may vary

Notes



Feeding

Mixing

Applying

Control

Moving

Booths

Electrostatic automatic guns

WAGNER electrostatic automatic guns have been developed especially for automated, efficient and economical electrostatic coating in industry. All electrostatic guns for automatic application of solventbased paints are explosion protected in accordance with the ATEX guideline.

Our wide product range enables you to select the perfect gun for your coating requirements. All guns offer perfect surface finishing as well as simple maintenance and cleaning. Matched control units guarantee high process reliability and ease operation.

Feeding

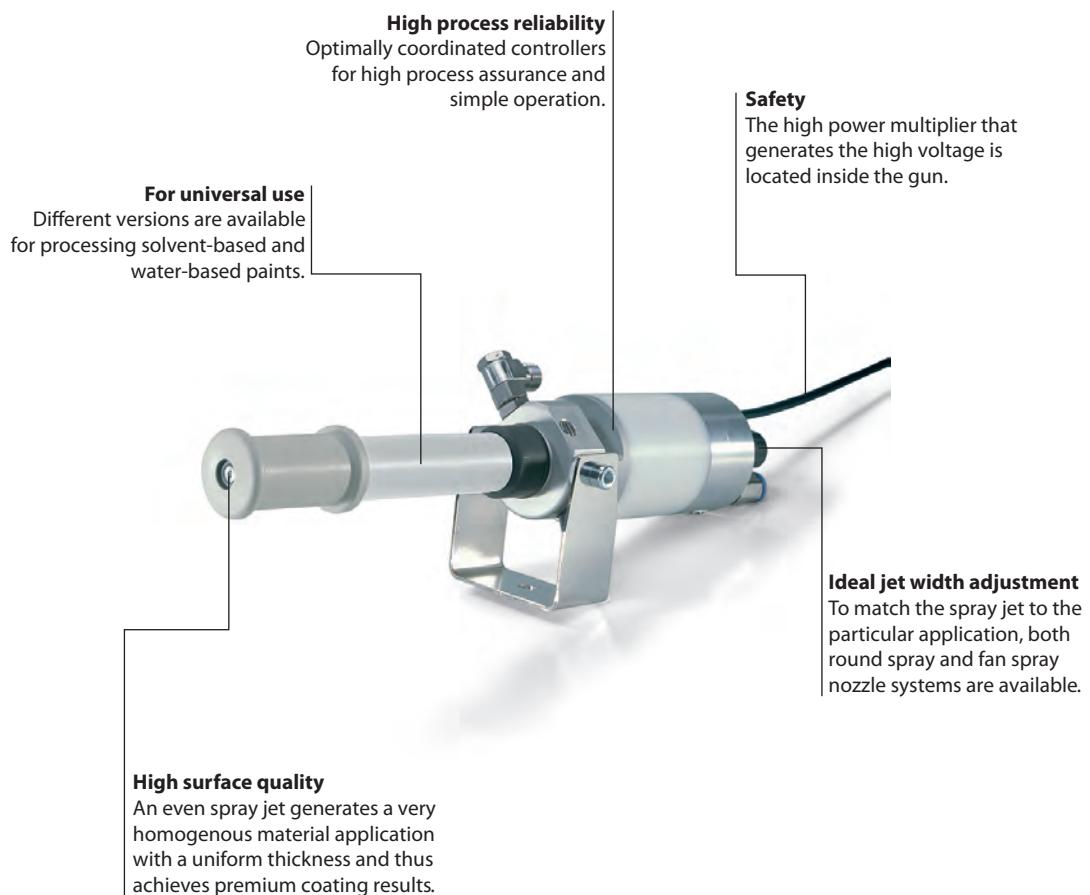
Mixing

Applying

Control

Moving

Booths



**GA 2800EA****TECHNICAL DATA**

Output voltage	80,0 kV
Output current	100 µA
Material resistance	50 – 1250 kΩ
Material pressure	0,0 – 0,8 MPa, 0 – 8 bar, 0 – 116 PSI
Material temperature	60 °C, 140.0 °F
Material connection Ø	10 mm, 0.4 in
Air inlet pressure	0,0 – 0,8 MPa, 0,0 – 8,0 bar, 0 – 116 PSI
Control air connection Ø	8,0 mm, 0.3 in
Atomizer air connection Ø	10 mm, 0,4 in
Cable length	11,00 m, 36,1 ft
Number of guns	1
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	1440 g, 3.18 lb
Max. sound level	82 dB(A)
Type of base plate	Standard
Length	400,0 mm, 15.7 in
Width	70 mm, 2.8 in
Height	141 mm, 5.6 in

PROCESSABLE MATERIALS

- 1K solvent-based paints
- 2K solvent-based paints
- 1K solvent-based primer
- 2K solvent-based primer
- 1K solvent-based release agents
- 2K solvent-based release agents

APPLICATION AREAS

- Machine industry
- Motor vehicle industry
- Metal industry
- Furniture industry
- Bicycle manufacturers
- Galvanizing plants

ATEX CLASSIFICATION

- II 2 G EEx0.24 mJ T6

INCLUDED ITEMS

- GA 2800EA
- Universal wrench
- Air nozzle wrench
- Seal kit
- Hose nipple ø 10 mm; ø 0.39 in; 1/4"
- Hose nipple ø 10 mm; ø 0.39 in; 3/8"
- CE declaration of conformity
- User manual

ORDERING INFORMATION

- Determine which gun is required and the necessary cable length.
- Select the type of nozzle system (round spray or fan spray).
- Determine which control unit is required and the nozzle size.
- Determine which additional accessories are required, e.g. hoses, cables, etc.

Feeding

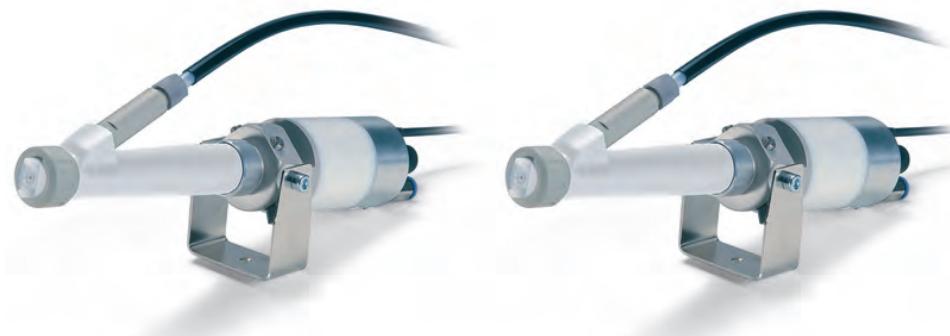
Mixing

Applying

Control

Moving

Booths

GA 2800EA**Product variants**

Model	GA 2800EA	GA 2805EA
Control type	Internal control	External control

ORDERING INFORMATION

Control type	Cable length	Description	Item no.
External control	0.15 m, 0,5 ft	Automatic gun GA2805 EA short cable	350074
External control	11 m, 36,1 ft	Automatic gun GA2805 EA	350046
Internal control	0.15 m, 0,5 ft	Automatic gun GA2800 EA	2301861
Internal control	11 m, 36,1 ft	Automatic gun GA2800 EA	350028

SERVICE SETS

Service kit, GA2800 EA 350873

**GA 2800EAW****TECHNICAL DATA**

Output voltage	70,0 kV
Output current	125 µA
Material pressure	0,0 – 0,8 MPa, 0 – 8 bar, 0 – 116 PSI
Material temperature	60 °C, 140.0 °F
Material connection Ø	12 mm, 0.5 in
Air inlet pressure	0,0 – 0,8 MPa, 0,0 – 8,0 bar, 0 – 116 PSI
Control air connection Ø	8,0 mm, 0.3 in
Atomizer air connection Ø	10 mm, 0,4 in
Number of guns	1
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Max. sound level	0 dB(A)
Type of base plate	Standard
Length	400,0 mm, 15.7 in
Width	70 mm, 2.8 in
Height	141 mm, 5.6 in

PROCESSABLE MATERIALS

- 1K water-based primer
- 1K water-based paints

APPLICATION AREAS

- Machine industry
- Motor vehicle industry
- Metal industry
- Furniture industry
- Bicycle manufacturers
- Galvanizing plants

INCLUDED ITEMS

- GA 2800EAW
- User manual
- CE declaration of conformity

ORDERING INFORMATION

- Determine which gun is required.
- Select the type of nozzle system (round spray or fan spray).
- Determine which control unit is required and the nozzle size.
- Determine which additional accessories are required, e.g. hoses, cables, etc.

ORDERING INFORMATION

Description	Item no.
Automatic gun GA 2800EAW	2302598

Feeding

Mixing

Applying

Control

Moving

Booths

Electrostatic automatic guns - Accessories

Feeding

Mixing

Applying

Control

Moving

Booths



Electrostatic automatic guns - Accessories

	GA 2800EA	GA 2800EAW
1 Fan spray atomization		
Nozzle packed EA 1.2	353955	353955
Nozzle packed EA 1.4	353956	353956
Nozzle packed EA 1.6	353957	353957
Nozzle EA 0.8 packed	353969	353969
Nozzle EAF 1.0	353970	353970
Nozzle set 0.8 EA/EAW F	363229	363229
Nozzle set 1.0 EA/EAW F	363230	363230
Nozzle set	363231	363235
Nozzle set	363232	363232
Nozzle set	363233	363233
Nozzle set	363234	363234
Nozzle set	363235	363235
Air cap EAF 1.2 packed	353960	353960
Air cap EAF 1.4 packed	353961	353961
Air cap EAF 1.6 packed	353962	353962
Air cap EAF 1.8 packed	353963	353963
Air cap EAF 2.0 packed	353964	353964
Air cap EAF 0.8 packed	353968	353968
Air cap assy. EAF 1.0	353973	353973
Nozzle packed EA 1.8	353958	353958
Nozzle packed EA 2.0	353959	353959
2 Round spray atomization		
Nozzle insert, Supra, packaged	353952	353953
Nozzle body supra packed	353965	353965
Outer nut supra packed	353966	353966
Nozzle set	363238	363238
3 Material hose		
Material hose set EA1	353701	-
3 Material hose, air atomizing		
LP-Hose-DN8-PN15-PE/PVC-ESTA	-	9987051
4 Air hose		
Hose blue	9987095	9987095
Hose	9987076	9987076
Tube red, D8	9982063	9982063
HOSE GREEN	9982077	9982077
5 Mounting accessories		
Suspension pin	350364	350364
6 Extension and control cables		
Extension cable EA/EAC 7.5 m	350272	-
Extension cable EA/EAC 10m	350513	-
Extension cable EA/EAC 15m	350514	-
Locking bracket assy.	350140	-

Feeding

Mixing

Applying

Control

Moving

Booths

GA 2000EAC

PROCESSABLE MATERIALS

- 1K solvent-based paints
- 1K solvent-based primer
- 1K high solid paints
- 1K high solid primer
- 2K solvent-based primer
- 2K solvent-based paints

APPLICATION AREAS

- Wood industry
- Railway industry
- Construction machinery industry
- Automotive industry
- Furniture industry

ATEX CLASSIFICATION

- II 2 G EEx0.24 mJ T6

Feeding

Mixing

Applying

Control

Moving

Booths

TECHNICAL DATA

Output voltage	80,0 kV
Output current	100 µA
Material resistance	150 – 1250 kΩ
Material pressure	25,0 MPa, 250 bar, 3626 PSI
Material Anschluss	M16 x 1.5
Material temperature	60 °C, 140.0 °F
Air inlet pressure	0,0 – 0,8 MPa, 0,0 – 8,0 bar, 0 – 116 PSI
Control air connection Ø	8,0 mm, 0,3 in
Atomizer air connection Ø	10 mm, 0,4 in
Cable length	11,00 m, 36,1 ft
Number of guns	1
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	600 g, 1.32 lb
Max. sound level	84 dB(A)
Type of base plate	Standard
Length	400,0 mm, 15.7 in
Width	70 mm, 2.8 in
Height	125 mm, 4.9 in

INCLUDED ITEMS

- GA 2000EAC
- Universal wrench
- Nozzle wrench
- Seal kit, valve rod
- Coupling sleeve M16x1.5-NPSM1/4"
- Notice tag
- CE declaration of conformity
- User manual

ORDERING INFORMATION

- Determine the required nozzle size.
- Determine which control unit is required.
- Determine which additional accessories are required, e.g. hoses, cables, etc.

**GA 2000EAC**

Product variants



Model	GA 2000EAC	GA 2005EAC
Control type	Internal control	External control

BASIC UNITS

Nozzle system	Control type	Cable length	Description	Item no.
Fan spray	External control	0,15 m, 0,5 ft	Automatic gun GA 2005EACFB short cable	350070
Fan spray	External control	11,00 m, 36,1 ft	Automatic gun GA 2005EACFB	350044
Fan spray	Internal control	11,00 m, 36,1 ft	Automatic spraygun GA 2000EACFB	350003
Fan spray	Internal control	0,15 m, 0,5 ft	Automatic spraygun GA 2000EACFB	2301864
Round spray	External control	11,00 m, 36,1 ft	Automatic gun GA 2005EACR	350043
Round spray	Internal control	11,00 m, 36,1 ft	Automatic spraygun GA 2000EACR	350007
Round spray	Internal control	0,15 m, 0,5 ft	Automatic spraygun GA 2000EACR	2301862

SERVICE SETS

Spare parts kit EACB	179198
Service kit, paint channel EAC-B	179182
Service kit, GA2000 EAC/EACW	350875

Electrostatic automatic guns - Accessories

Feeding

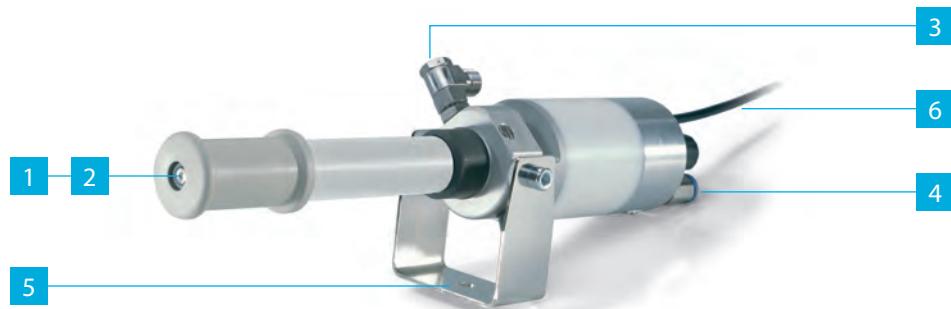
Mixing

Applying

Control

Moving

Booths



Electrostatic automatic guns - Accessories

GA 2000EAC	
1	Nozzles - flat jet
Brillant (see nozzle chart)	148xxx
3	Airless material hose
HP-hose-DN6-PN270-M16x1,5-15m-PA	9984507
HP-hose-DN4-PN270-M16x1,5-7,5m-PA	9984510
HP-hose-DN6-PN270-M16x1,5-10,0m-PA	9984570
4	Air hose
Hose	9987076
Tube red, D8	9982063
HOSE GREEN	9982077
Hose blue	9987095
5	Mounting accessories
Suspension pin	350364
6	Extension and control cables
Extension cable EA/EAC 7.5 m	350272
Extension cable EA/EAC 10m	350513
Extension cable EA/EAC 15m	350514
Locking bracket assy.	350140

Feeding

Mixing

Applying

Control

Moving

Booths

Electrostatic automatic guns - Accessories

Nozzle Chart | Brillant

Part-No. 148xxx

To identify the part number of a nozzle, please use the number in the chart and replace the xxx. Example: to order a 411 nozzle use the part no.: 148411



Size	Spray angle							Material filter (in mesh) Edge filter Gun filter	Bore inch (mm)	Material flow* l/min (gal/min)
	10°	20°	30°	40°	50°	60°	80°			
07	107	207		407						
09		209	309	409	509	609				
11	111	211	311	411	511	611	811			
13	113	213	313	413	513	613	813			
15	115	215	315	415	515	615	815			
17		217	317	417	517	617	817			
19		219	319	419	519	619	819			
21		221		421	521	621	821			
23				423		623	823			

55 (2.17)	100 (3.94)	145 (5.71)	195 (7.68)	250 (9.84)	300 (11.81)	400 (15.75)
Average spray width mm (inch)**						

* Measured with water at 100 bar

** Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance,
lacquer 56DIN-4s

Notes

Feeding

Mixing

Applying

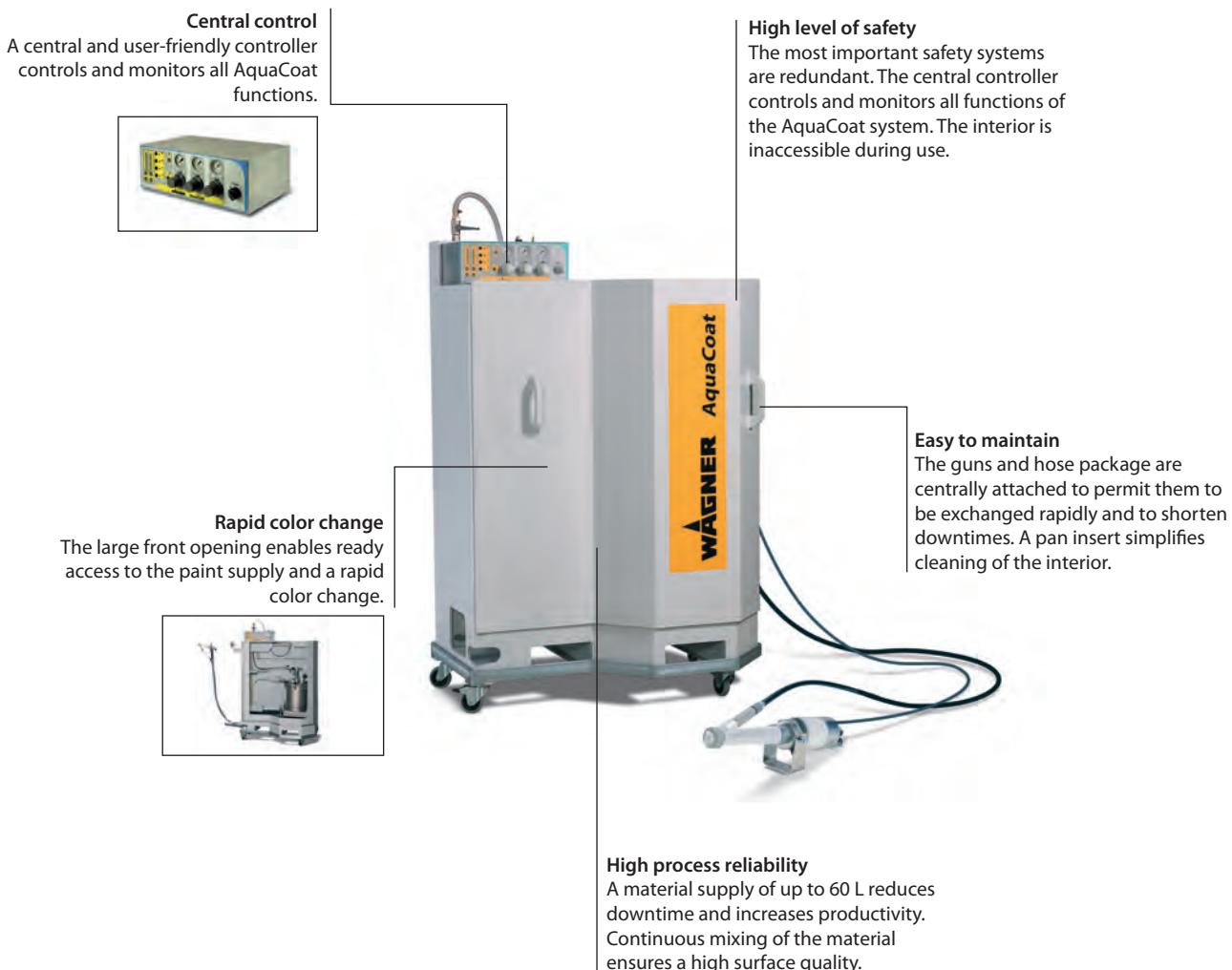
Control

Moving

Booths

AquaCoat electrostatic automatic

With the new AquaCoat® system, WAGNER has developed a system, which with its sophisticated technology and extensive combination of safety precautions offers optimal protection for the user. AquaCoat offers a high level of safety. The central control unit regulates and controls all functions of the AquaCoat® system. During application, access to the interior of the device is blocked mechanically. The most important safety systems are present in duplicate, thus eliminating a source of danger to the user.



**AquaCoat****INCLUDED ITEMS**

- AquaCoat cabinet
- VM 2900W
- Power cable
- Ground cable
- CE declaration of conformity
- User manual

ORDERING INFORMATION

- Select the atomization process.
- Determine which Spraypack you require or assemble a customized AquaCoat system to meet your needs.

PROCESSABLE MATERIALS

- 1K water-based primer
- 1K water-based paints
- 1K water-based glues
- 1K water-based release agents
- 1K high solid primer
- 1K high solid paints

APPLICATION AREAS

- Woodworking industry
- Furniture industry
- Steel industry
- Release agent coating

TECHNICAL DATA

Output voltage 80,0 kV

Output current 125 µA

Total capacity 60 l, 15,85 gal(US)

Length 600,0 mm, 23.6 in

Width 1000 mm, 39.4 in

Height 1390 mm, 54.7 in

Feeding

Mixing

Applying

Control

Moving

Booths

AquaCoat

CE

Product variants

Model	AquaCoat Airspray	AquaCoat AirCoat
Atomization process	Airspray	AirCoat
Max. material pressure	0,8 MPa, 8 bar, 116,0 PSI	25,0 MPa, 250 bar, 3.625,9 PSI



ORDERING INFORMATION

Description	Item no.												
AquaCoat - Airspray Automatic	2303808 -												
Pump / pressure tank													
No	1												
ZIP 52 PF	2												
EvoMotion 5-60S	3												
Level monitor													
No	1												
Yes	2												
Drum cover/agitator													
No	1												
Agitator (only with LDG/MDG)	2												
Ø 350 mm without agitator	3												
Ø 350 mm with agitator	4												
Insert tank													
No	1												
Yes	2												
Gun model													
No gun	1												
1x GA 2800EAW	2												
2x GA 2800EAW	3												
Hose pack length gun 1 gun 2													
No hose	1	1											
7,5m	2	2											
10m	3	3											
15m	4	4											
20m	5	5											
Nozzle systems													
No	0	1											
Nozzle set 0.6 EA/EAW F	0	2											
Nozzle set 0.8 EA/EAW F	0	3											
Nozzle set 1.0 EA/EAW F	0	4											
Nozzle set 1.2 EA/EAW F	0	5											
Nozzle set 1.4 EA/EAW F	0	6											
Nozzle set 1.6 EA/EAW F	0	7											
Nozzle set 1.8 EA/EAW F	0	8											
Nozzle set 2.0 EA/EAW F	0	9											
Round spray Supra	1	0											
Control cable (external signal for high voltage)													
Yes		1											
No		2											

Feeding

Mixing

Applying

Control

Moving

Booths

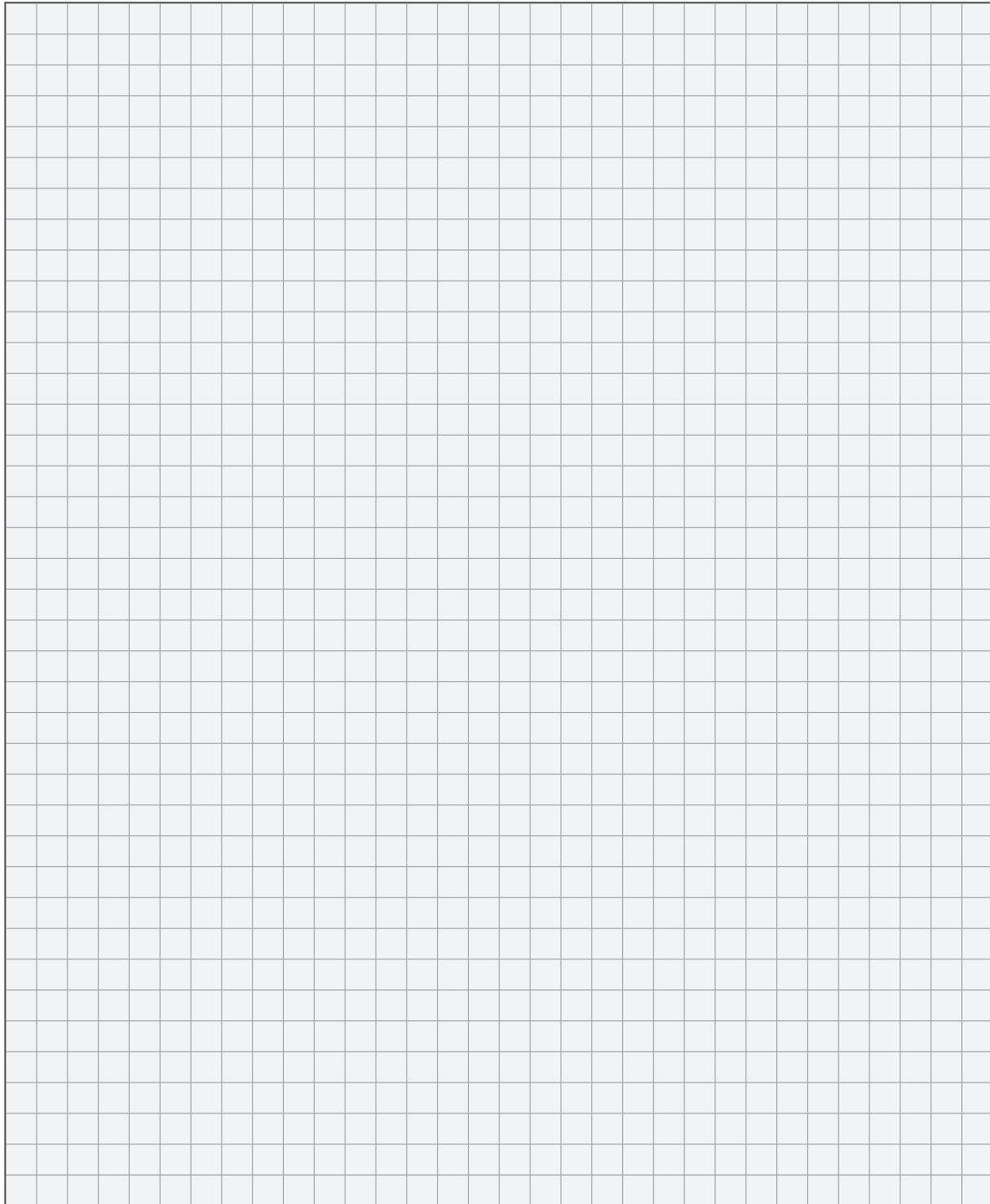


AquaCoat

CE

ORDERING INFORMATION

Notes



Feeding

Mixing

Applying

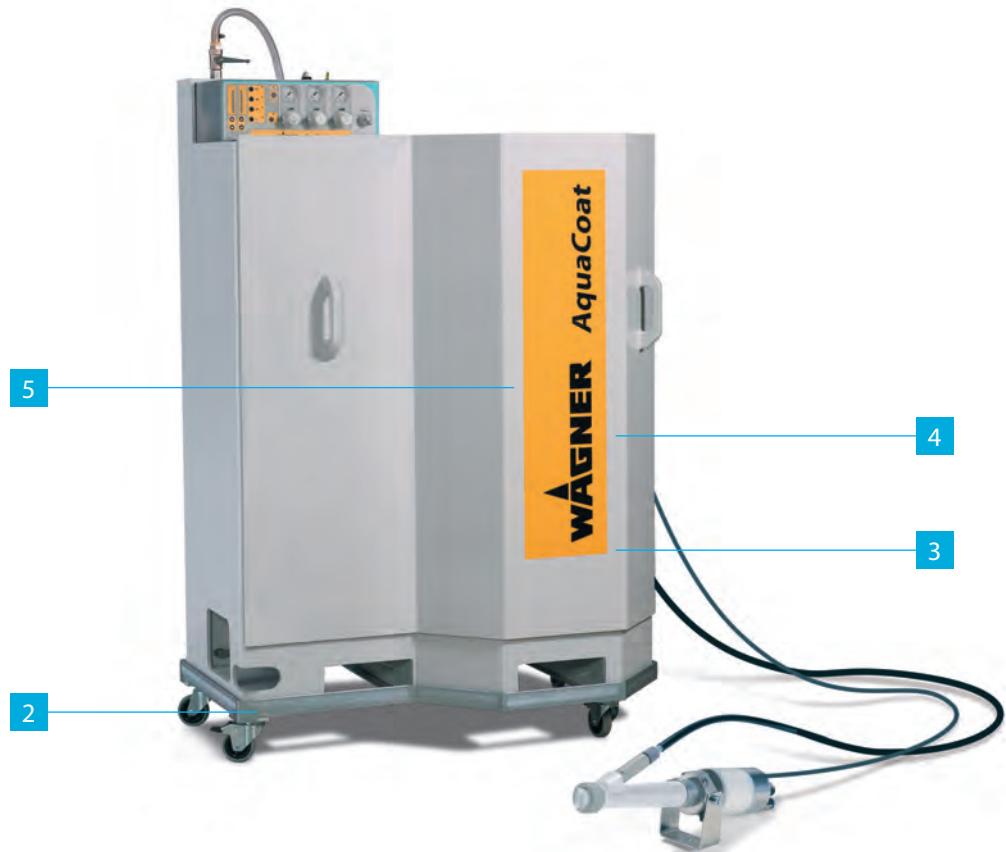
Control

Moving

Booths

AquaCoat

CE



Feeding

Mixing

Applying

Control

Moving

Booths

CE

AquaCoat

	AquaCoat Airspray	AquaCoat AirCoat
2 Base frame		
Base frame asm	353051	353051
3 Tub insert		
Insert tank	353052	353052
4 Level monitor		
Level-monitoring with horn	353053	353053
5 Drum cover		
Drum cap D350 without agitator	353054	353054
Drum cap D350 with agitator	353055	353055

Feeding

Mixing

Applying

Control

Moving

Booths

High-speed rotary atomisers

With the Evobell 3000 and 3500, WAGNER has developed a new generation of high-speed rotary atomisers which set new standards in the areas of surface finish, paint saving, reliability, safety and ease of servicing. The atomiser bell, broken down into bell and distributor, guarantees quick inexpensive adaptation to the material being atomised. Only the distributor has to be changed. The unique design of the distributor allows optimal cleaning and flushing of the atomiser bell and the distributor.

High efficiency
Very high transfer efficiency (over 90%). Because of the additionally integrated bell flushing system there is no need to empty the material tube during intermediate cleanings.

Excellent surface quality
Evobell is convincing thanks to its fine atomisation and uniform application of paint. The atomiser bell, designed for high quality surface finishing, provides a homogeneous film thickness with the finest atomisation.

High flexibility
Evobell is suitable for solvent and water based materials.

Application diversity
Easy, fast and cheap adjustment of the atomiser to the specific material is possible by simply changing the distributor.



Serviceability
Evobell high-speed rotary atomiser is convincing because of its high level of serviceability. Thanks to fast disassembly and assembly, set-up times, plant down times, maintenance costs can be considerably reduced.

High performance
The large speed range of up to 70.000 rpm in continuous operation allows an optimal setting of the droplet size from fine to very fine.



Evobell 3000



PROCESSABLE MATERIALS

- 1K water-based paints
- 1K solvent-based paints
- 2K water-based paints
- 2K solvent-based paints
- Metallic paints

APPLICATION AREAS

- Metal industry
- Plastics industry
- Tool industry
- Automotive supplier industry
- Wheel rim coating
- Wood industry
- Glass industry
- Micro corrosion protection
- Toy industry

ATEX CLASSIFICATION

- II 3G T6 X

TECHNICAL DATA

Output voltage	100,0 kV
Suspension	Ball bearing
Material pressure	0,8 MPa, 8 bar, 116 PSI
Hose connection, material valve	4/2.5 mm
Hose connection, valve block	6/4 mm
Material temperature	40 °C, 104.0 °F
Air connections, threads	G 1/4"
Hose connection, drive air	10/8 mm
Hose connection, brake air	8/6 mm
Hose connection, shaping air	10/8 mm
Drive air quality	Particle filter < 0.5 µm, oil separator < 0.6 mg/ m³ at 20 °C, dew point 16 °C
Brake air quality	Particle filter < 0.5 µm, oil separator < 0.6 mg/ m³ at 20 °C, dew point 16 °C
Shaping air quality	Particle filter < 0.5 µm, oil separator < 0.6 mg/ m³ at 20 °C, dew point 16 °C
Material delivery rate	25 – 600 cm³/min, 0,0 – 0,0 cfm
Weight	4,7 kg, 10.4 lb
Rotational speed	40000 rpm, 40000 rpm
Length	455,0 mm, 17.9 in
Height	125 mm, 4.9 in
Spray jet Ø	70 – 800 mm, 2.8 – 31.5 in
Bell Ø	36/50/70 mm, 1.4/2.0/2.8 in

INCLUDED ITEMS

- Evobell 3000 as per configuration
- CE declaration of conformity
- User manual

ORDERING INFORMATION

- Your Wagner representative is happy to advise you.

Feeding

Mixing

Applying

Control

Moving

Booths

Evobell 3500



PROCESSABLE MATERIALS

- 1K water-based paints
- 1K solvent-based paints
- 2K water-based paints
- 2K solvent-based paints
- Metallic paints

APPLICATION AREAS

- Metal industry
- Plastics industry
- Tool industry
- Automotive supplier industry
- Wheel rim coating
- Wood industry
- Glass industry
- Micro corrosion protection
- Toy industry

ATEX CLASSIFICATION

- II 3G T6 X

Feeding

Mixing

Applying

Control

Moving

Booths

TECHNICAL DATA

Output voltage	100,0 kV
Suspension	Air bearing
Material pressure	0,8 MPa, 8 bar, 116 PSI
Hose connection, material valve	4/2.5 mm
Hose connection, valve block	6/4 mm
Material temperature	40 °C, 104.0 °F
Max. air bearing pressure	0,5 ±0 MPa, 5 ±0.5 bar, 73 ±7 PSI
Air connections, threads	G 1/4"
Hose connection, drive air	10/8 mm
Hose connection, brake air	8/6 mm
Hose connection, shaping air	10/8 mm
Hose connection, bearing air	8/6 mm
Drive air quality	Particle filter < 0.5 µm, oil separator < 0.6 mg/m³ at 20 °C, dew point 16 °C
Brake air quality	Particle filter < 0.5 µm, oil separator < 0.6 mg/m³ at 20 °C, dew point 16 °C
Shaping air quality	Particle filter < 0.5 µm, oil separator < 0.6 mg/m³ at 20 °C, dew point 16 °C
Bearing air quality	Particle filter < 0.5 µm, oil separator < 0.01mg/m³ at 20 °C, dew point 7.5 °C
Material delivery rate	25 – 600 cm³/min, 0,0 – 0,0 cfm
Weight	5,2 kg, 11.5 lb
Rotational speed	70000 rpm, 70000 rpm
Length	475,0 mm, 18.7 in
Height	125 mm, 4.9 in
Spray jet Ø	70 – 800 mm, 2.8 – 31.5 in
Bell Ø	36/50/70 mm, 1.4/2.0/2.8 in

INCLUDED ITEMS

- Evobell 3500 as per configuration
- CE declaration of conformity
- User manual



Evobell 3500

ORDERING INFORMATION

- Your Wagner representative is happy to advise you.

Mixing

Moving

Applying

Control

Moving

Booths

High-speed rotary atomisers - Accessories

Feeding

Mixing

Applying

Control

Moving

Booths



High-speed rotary atomisers - Accessories

	Evobell 3000	Evobell 3500
1 Atomizer		
Bell 36 assy	387108	387108
Bell 50 assy	387109	387109
Bell 70 assy	387110	387110
Bell T 70 assy	-	2303928
2 Distributor		
Distributor 36 offset (20 x d2.3)	387135	387135
Distributor 50 offset (20 x d2.3)	387136	387136
Distributor 70 offset (20 x d2.3)	387137	387137
Distributor 36 offset (32 x d1.5)	387138	387138
Distributor 50 offset (32 x d1.5)	387139	387139
Distributor 70 offset (32 x d1.5)	387140	387140
3 Material tubes		
Material tube d0.8 assy EB3000	387141	-
Material tube d1.1 assy EB3000	387142	-
Material tube d1.6 assy EB3000	387143	-
Material tube d2.2 assy EB3000	387144	-
Material tube d0.8 assy EB3500	-	387151
Material tube d1.1 assy EB3500	-	387152
Material tube d1.6 assy EB3500	-	387153
Material tube d2.2 assy EB3500	-	387154
Tube d1.6 assy EB3500	-	2303890
Tube T d2.0 assy EB3500	-	2303891
4 Air guide rings		
Air guide 36 assy	387103	387103
Air guide 50 assy	387104	387104
Air guide 70 assy	387148	387148
Air guide T 70 assy	-	2303933
5 Valve block		
Valve assy 2M/2D/2F EB3000	387106	-
Valve assy 1M/1D/1F EB3000	387107	-
Valve assy 2M/2D/2F EB3500	-	387116
Valve assy 1M/1D/1F EB3500	-	387117
6 Adjusting and mounting tool		
Adjusting- & mounting tool bell d36	387190	387190
Adjusting- & mounting tool bell d50	387191	387191
Adjusting- & mounting tool bell d70	387192	387192
Articular pin wrench 90/5	387980	387980

Feeding

Mixing

Applying

Control

Moving

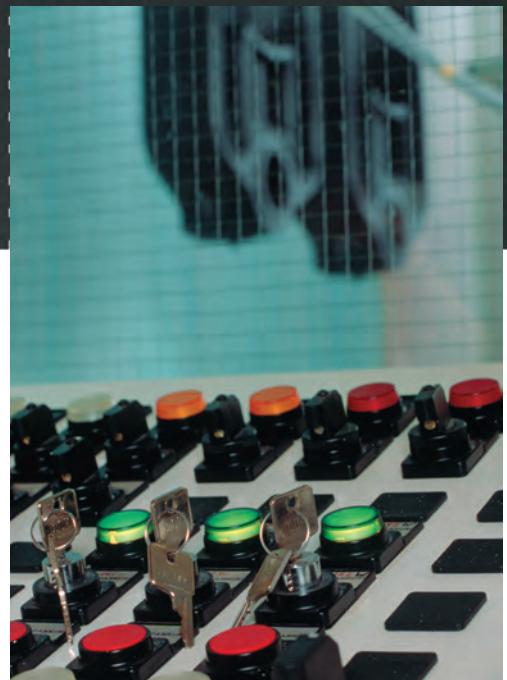
Booths



WAGNER Control Technology

Intelligent solutions tailored made!

Intelligent in design, modular in build, easily understandable and user friendly, WAGNER controllers can be optimally matched to all wishes and requirements. All functions of the system such as paint output rate, spray pattern, object recognition and control of the movement technology for the application can be centrally controlled, checked and documented using the latest electronics.



Content

Manual control units	Page 324
Automatic control units	Page 330
Pump controller	Page 336

WAGNER control units

Our product range includes control units for electrostatic applications. These are designed to produce excellent coating results while offering superb operating convenience. With readily accessible controls and, in part, with an LED display, the control units make your everyday work easier. Control equipment and material consumption are kept at a minimum while quality and efficiency are maximized.

Feeding

Mixing

Applying

Control

Moving

Booths



CE

VM 200

SUITABLE FOR PRODUCT

- GM 2800EA
- GM 2000EAC

TECHNICAL DATA

Input voltage	230 V
Gun voltage	80 kV
Gun spray current	100 µA
Input power	15 W
Input frequency	50 – 60 Hz
Protection class	IP 54
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	1,8 kg, 4.0 lb
Length	225,0 mm, 8.9 in
Width	120 mm, 4.7 in
Height	85 mm, 3.3 in

INCLUDED ITEMS

- VM 200
- Ground cable 10 m, 33 ft
- CE declaration of conformity
- User manual
- 2x slow fuse 0.2 A

ORDERING INFORMATION

- Select the device and the required accessories.

Description	Item no.
Control unit VM200	179104

VM 2000

CE



Input voltage	Item	Item no.
230 V	Control unit VM 2000	179109
115 V	Control unit VM 2000 USA	179115

SUITABLE FOR PRODUCT

- GM 2800EA
- GM 2000EAC

TECHNICAL DATA

Input voltage	230 V
Gun voltage	80 kV
Gun spray current	100 µA
Input power	30 W
Input frequency	50 – 60 Hz
Protection class	IP 54
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	3,2 kg, 7.1 lb
Length	265,0 mm, 10.4 in
Width	180 mm, 7.1 in
Height	145 mm, 5.7 in

INCLUDED ITEMS

- VM 2000
- Power cable assy. 3 m, 9.8 ft
- Ground cable 10 m, 33 ft
- Spare parts kit
- CE declaration of conformity
- User manual

ORDERING INFORMATION

- Select the device and the required accessories.

**VM 2900W**

SUITABLE FOR PRODUCT

- GM 2900EAW
- GM 2900EACW
- AquaCoat

TECHNICAL DATA

Input voltage	85 – 264 V
Gun voltage	70 kV
Gun spray current	120 µA
Input power	25 W
Input frequency	47 – 440 Hz
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	6,2 kg, 13.7 lb
Length	252,0 mm, 9.9 in
Width	370 mm, 14.6 in
Height	136 mm, 5.4 in

INCLUDED ITEMS

- VM 2900W
- CE declaration of conformity
- User manual

ORDERING INFORMATION

- Select the device and the required accessories.

Description	Item no.
Control unit VM 2900W	353862

WAGNER control units - Accessories

Feeding

Mixing

Applying

Control

Moving

Booths



WAGNER control units - Accessories

		VM 200	VM 2000	VM 2900W
1	Power cable			
	Mains cable + Stak 200	-	241270	241270
2	Ground cable			
	Earthing cable assy.	130215	130215	130215
	Earthing cable assy. 3m	236219	236219	236219
3	Extension and control cables			
	Extension cable handspraygun 7.5m	179228	179228	-
	Extension cable handspraygun 10m	2307113	2307113	-
	Extension cable handspraygun 15m	2307114	2307114	-
	Extension cable handspraygun 20m	2307116	2307116	-
	Extension cable handspraygun 25m	2307120	2307120	-
	Extension cable handspraygun 30m	2307121	2307121	-
	Extension cable handspraygun 35m	2307122	2307122	-
	Extension cable handspraygun 40m	2307123	2307123	-
	Extension cable handspraygun 45m	2307124	2307124	-
	Extension cable handspraygun 50m	2307125	2307125	-
	adapter cable spraygun	-	-	363035

Feeding

Mixing

Applying

Control

Moving

Booths

WAGNER control units

Our product range includes control units for electrostatic applications. These are designed to produce excellent coating results while offering superb operating convenience. With readily accessible controls and, in part, with an LED display, the control units make your everyday work easier. Control equipment and material consumption are kept at a minimum while quality and efficiency are maximized.

Feeding

Mixing

Applying

Control

Moving

Booths



**EPG 3000****ORDERING INFORMATION**

- Select the device and the required accessories.

Description	Item no.
Electrostatic power generator EPG3000	381021
Electrostatic power generator EPG 3000 US	381022

SUITABLE FOR PRODUCT

- GA 2800EA
- GA 2805EA
- GA 2000EAC
- GA 2005EAC

TECHNICAL DATA

Input voltage	85 – 264 V
Gun voltage	80 kV
Gun spray current	100 µA
Input power	40 W
Input frequency	47 – 440 Hz
Protection class	IP 64
Air inlet pressure	0,6 – 0,8 MPa, 6,0 – 8,0 bar, 87 – 116 PSI
Air outlet pressure	0,0 – 0,6 MPa, 0,0 – 6,0 bar, 0 – 87 PSI
Max. number of guns	1
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	7,5 kg, 16.5 lb
Length	315,0 mm, 12.4 in
Width	270 mm, 10.6 in
Height	136 mm, 5.4 in

INCLUDED ITEMS

- EPG 3000
- Power cable, standard, 3 m, 9.8 ft
- Ground cable, 10 m, 32.8 ft
- Control cable, external, 3 m, 9.8 ft
- Spare parts kit
- CE declaration of conformity
- User manual

Feeding

Mixing

Applying

Control

Moving

Booths

VM 2900W Automatic

CE

**TECHNICAL DATA**

Input voltage	86 – 264 V
Gun voltage	80 kV
Gun spray current	120 µA
Input power	25 W
Input frequency	47 – 440 Hz
Operating temperature	5 – 40 °C, 41.0 – 104.0 °F
Weight	6,2 kg, 13.7 lb
Length	252,0 mm, 9.9 in
Width	370 mm, 14.6 in
Height	136 mm, 5.4 in

INCLUDED ITEMS

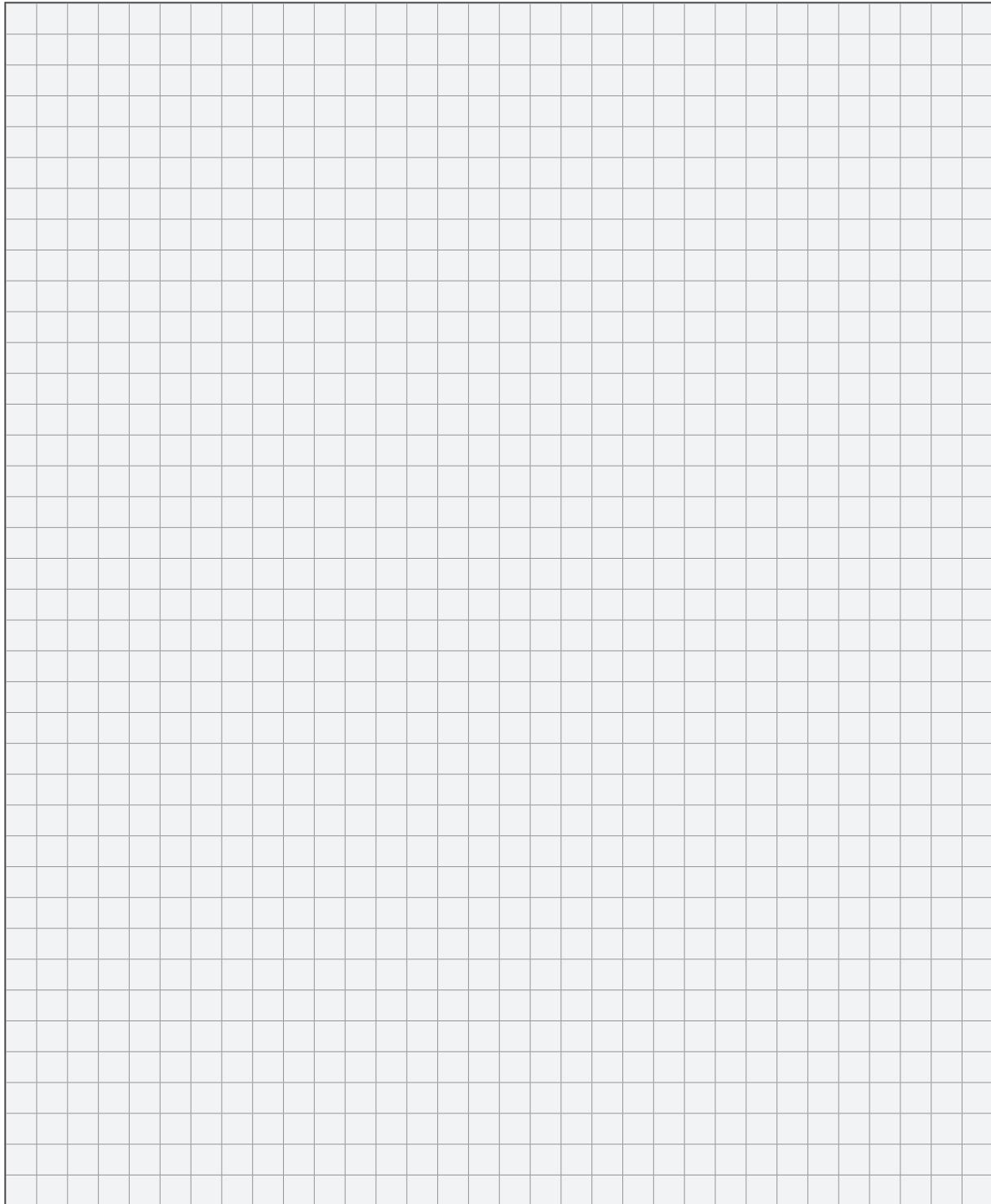
- VM 2900W
- CE declaration of conformity
- User manual

ORDERING INFORMATION

- Select the device and the required accessories.

Description	Item no.
Control unit VM 2900W automatic	2306977

Notes



Feeding

Mixing

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Control

Moving

Booths

WAGNER control units - Accessories

Feeding

Mixing

Applying

Control

Moving

Booths



WAGNER control units - Accessories

	EPG 3000	VM 2900W Automatic
1 Power cable		
Mains cable + Stak 200	241270	241270
2 Ground cable		
Earthing cable assy.	130215	130215
Earthing cable assy. 3m	236219	236219
3 Extension and control cables		
Extension cable EA/EAC 7.5 m	350272	-
Extension cable EA/EAC 10m	350513	-
Extension cable EA/EAC 15m	350514	-
control cable ext. VM 2900W	-	363034
4 Air hose		
Hose blue	9987095	-
Hose	9987076	-
Tube red, D8	9982063	-
HOSE GREEN	9982077	-
5 Extension and control cables		
Control cable assy.	350275	-

Feeding

Mixing

Applying

Control

Moving

Booths

Digital pump controller

CE



TECHNICAL DATA

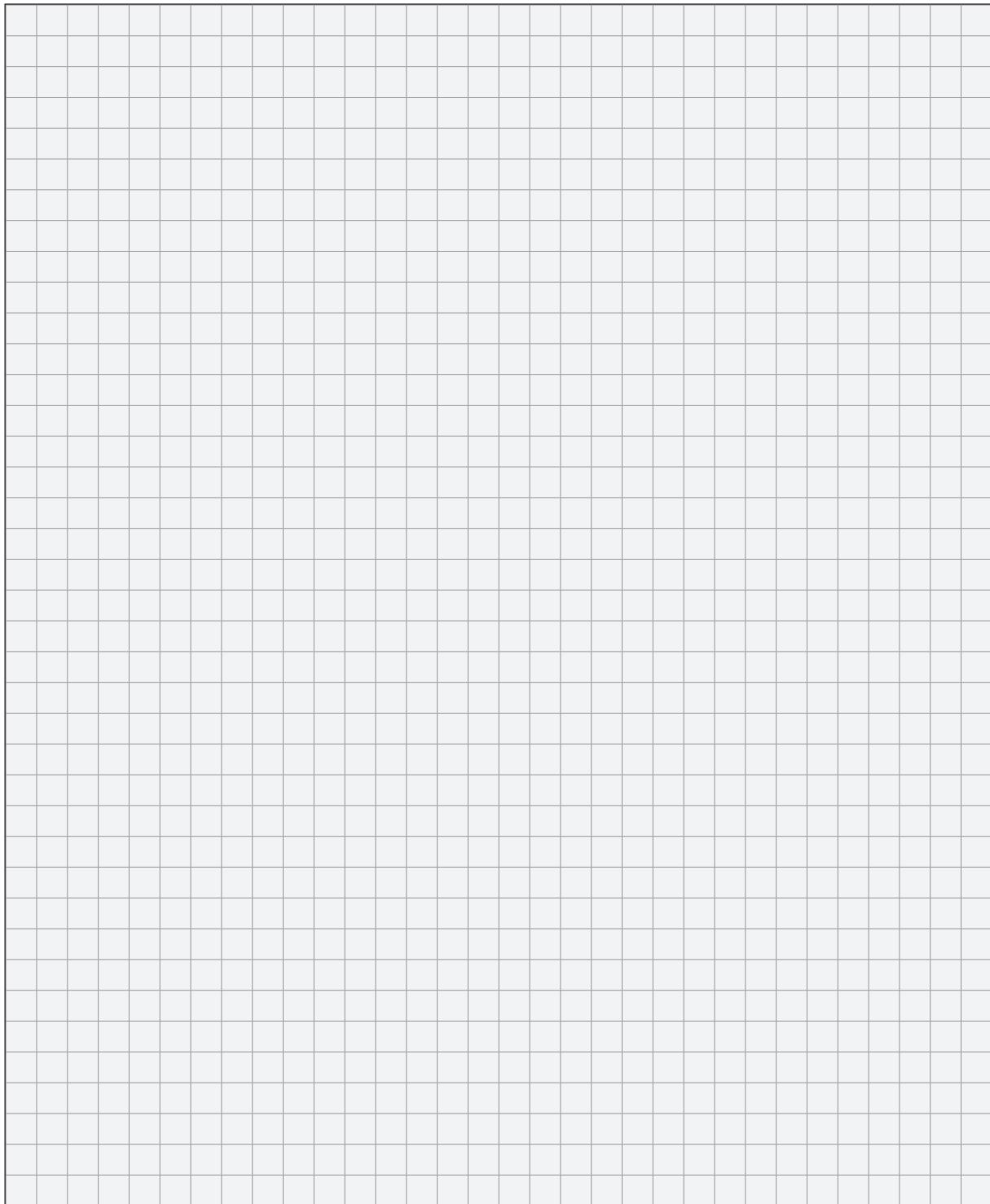
Input voltage	230 V
Valve control voltage	24 V
Input frequency	50 – 60 Hz
Protection class	IP 54
Weight	1,4 kg, 3.1 lb

ORDERING INFORMATION

- Select the required pump controller.
- Determine which accessories are required.

Description	Item no.
Digital pump Controller	U927.00

Notes





WAGNER Moving Technology

A powerfull programm

In the design and manufacture of the latest generation of reciprocators, WAGNER is consistently putting into practice the knowledge gained from experience. Quality and long service life are prominent in these products. The movement technology range is rounded off by the RoboCoat robot technology.



Content

EBA 6E	Page 340
EVW	Page 360

EBA 6

The WAGNER product portfolio for linear units covers all axes that are important for achieving excellent coating results. The product palette ranges from short stroke units to rotary axes for complex enclosure coatings. A fitting solution is available for any coating application. In addition, our engineers develop customized solution for complex tasks.

Feeding

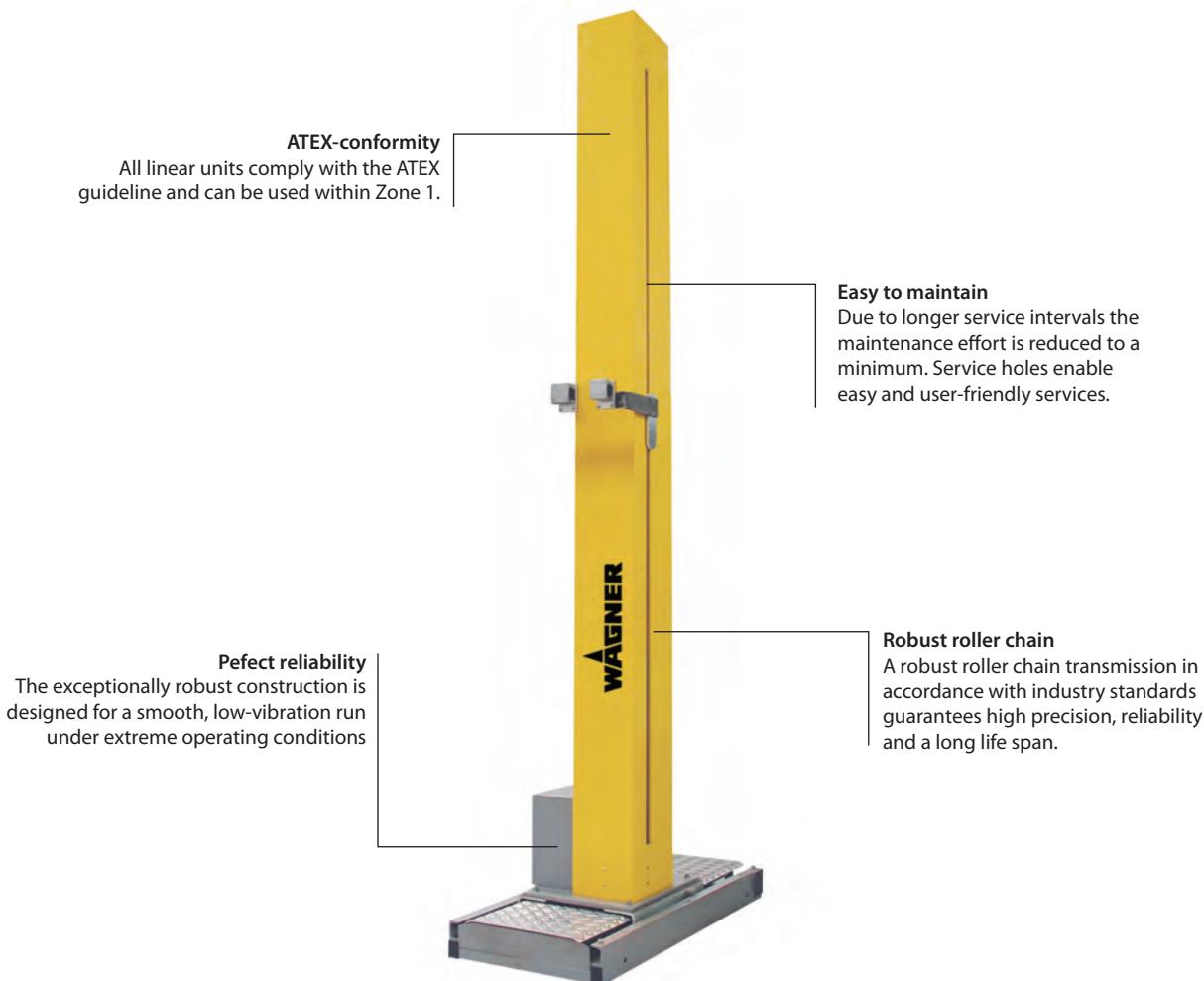
Mixing

Applying

Control

Moving

Booths



**EBA 6E**

SUITABLE FOR PRODUCT

- RCM 3000
- ICC 1150X
- ICC 2150X
- EVW 1E

ATEX CLASSIFICATION

- II 2 G II B T4

TECHNICAL DATA

Input voltage	230 – 400 V
Rated power, drive motor	1,50 kW
Input frequency	50 – 50 Hz
Protection class	IP 54
Operating temperature	0 – 40 °C, 32.0 – 104.0 °F
Max. sound level	70 dB(A)
Ascent and descent speed	12 – 80 m/min
Length	600,0 mm, 23.6 in
Width	453 mm, 17.8 in

ORDERING INFORMATION

- Select the reciprocator and the control unit.
- Determine whether additional weights are required.
- Select the required attachments.
- Determine which gun holders are required.
- Select the required roller base or electric in/out positioner.

Feeding

Mixing

Applying

Control

Moving

Booths

EBA 6E
Product variants

Model	EBA 6E S	EBA 6E L
Maximum load capacity	30 kg, 66 lb	50 kg, 110 lb

ORDERING INFORMATION

Maximum load capacity	Effective stroke	Item	Item no.
30 kg, 66 lb	1500 mm, 59 in	EBA 6-15-S-E	374100
30 kg, 66 lb	1900 mm, 75 in	EBA 6-19-S-E	374101
30 kg, 66 lb	2400 mm, 94 in	EBA 6-24-S-E	374102
30 kg, 66 lb	2900 mm, 114 in	EBA 6-29-S-E	374103
30 kg, 66 lb	3400 mm, 134 in	EBA 6-34-S-E	374104
50 kg, 110 lb	1200 mm, 47 in	EBA 6-12-L-E	374105
50 kg, 110 lb	1600 mm, 63 in	EBA 6-16-L-E	374106
50 kg, 110 lb	2100 mm, 83 in	EBA 6-21-L-E	374107
50 kg, 110 lb	2600 mm, 102 in	EBA 6-26-L-E	374108
50 kg, 110 lb	3100 mm, 122 in	EBA 6-31-L-E	374109
50 kg, 110 lb	4000 mm, 157 in	EBA 6-40-L-E	374110

Notes

Feeding

Mixing

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Moving

Booths

EBA 6 - Accessories

Feeding

Mixing

Applying

Control

Moving

Booths

EBA 6 - Accessories

	EBA 6E S	EBA 6E L
1 Additional weight		
Additional weight	373357	373457
Additional weight	373457	-
2 Gun holder		
Gun mounting horizontal	373214	-
Gun mounting vertikal	-	373215
3 Gun configuration		
Gun arrangement-horizontal-4	373209	373209
Gun arrangement-horizontal-6	373210	373210

Feeding

Mixing

Applying

Control

Moving

Booths



SUITABLE FOR PRODUCT

■ EBA 6E

ATEX CLASSIFICATION

■ II 2 G II B T4

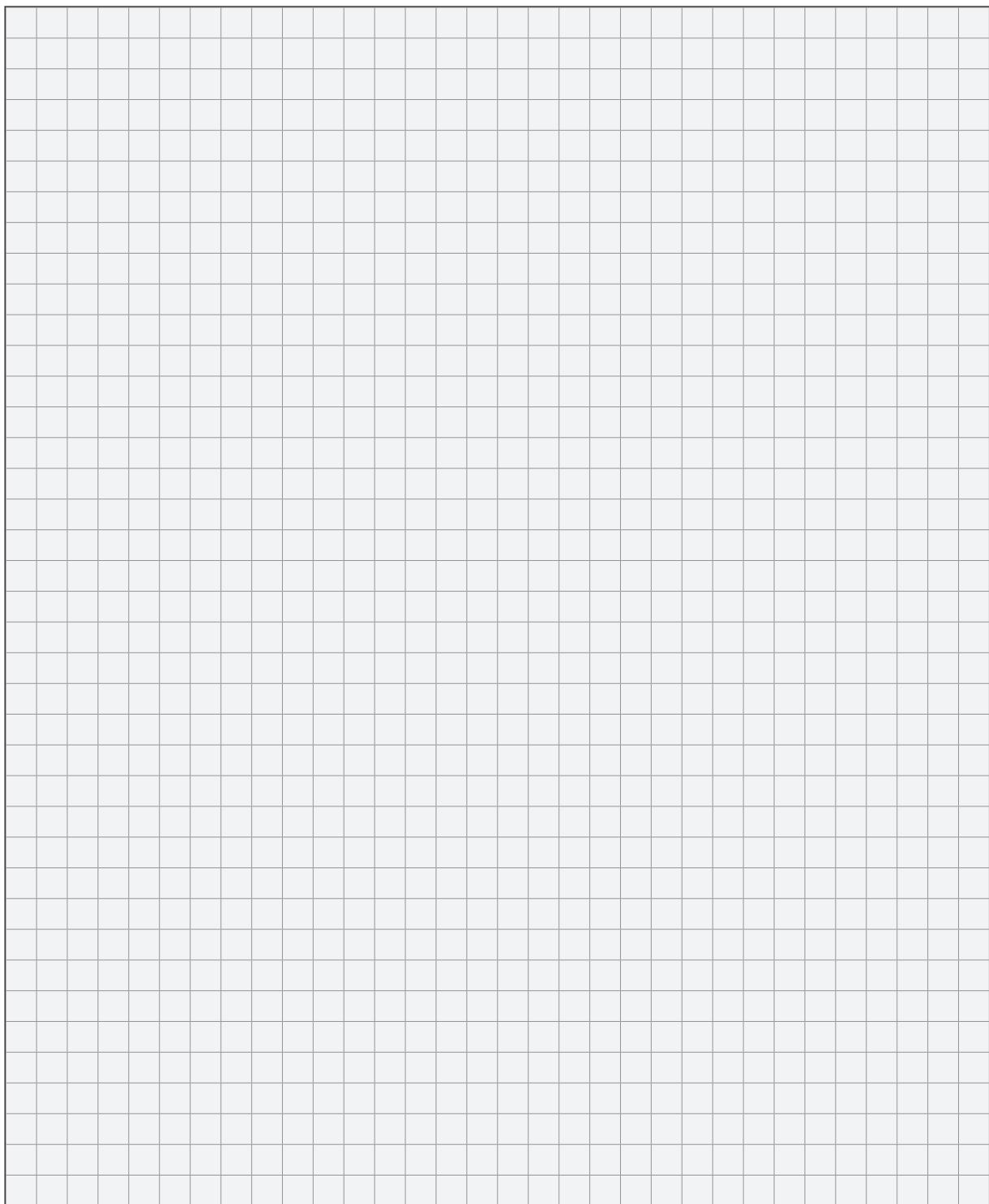
TECHNICAL DATA

Input voltage	230 V
Rated power, drive motor	0,25 kW
Protection class	IP 54
Operating temperature	0 – 40 °C, 32.0 – 104.0 °F
Max. in/out positioner load	700 kg, 24.691,8 oz
Displacement speed	6 m/min
Width	688 mm, 27.1 in
Height	222 mm, 8.7 in

ORDERING INFORMATION

Max. displacement	Item	Item no.
530 mm, 20,9 in	In/out positioner EVW-1E	325143
830 mm, 32,7 in	In/out positioner EVW-1E	325144
1130 mm, 44,5 in	In/out positioner EVW-1E	325145
1930 mm, 76,0 in	In/out positioner EVW-1E	331082

Notes





WAGNER Booth Technology

Compact and flexible!

WAGNER booth systems offer an efficient installation and implementation as well as an easy to maintain modular principle. The implementation of components like an easy to handle filter pads guarantees a minimum of service and maintenance effort. Due to the modular concept of the WAGNER booths, every system can be adjusted to the users needs.



Content

Small spray wall	Page 350
Spray wall	Page 354
Water wash paint spray wall	Page 362

Small spray wall, type 700

Thanks to the modular design, you obtain booth solutions that perfectly match your operating needs. These cost-effective systems can additionally be equipped with energy saving circuits. On request we also install other components you may need such as switch cabinets, pipework, etc. The filter mats feature a high degree of efficiency and a large holding capacity, keeping the number of filter changes and booth maintenance to a minimum.

Feeding

Mixing

Applying

Control

Moving

Booths





Spray booth Type 700



SPECIAL ADVANTAGES

TECHNICAL DATA

Rated power, drive motor 0,75 kW

Total depth	1000 mm, 39 in
Total height	1900 mm, 75 in
Workbench height	805 mm, 32 in
Working depth	675 mm, 27 in
Workspace height	1065 mm, 42 in

ORDERING INFORMATION

- Select the working width you require.
- Select the required accessories.

ORDERING INFORMATION

Total width	Air volume	Direction of rotation of fan	Description	Item no.
800 mm	1850 m ³ /h	links/rechts	Spray booth Typ 708	W1270800350
1000 mm	2160 m ³ /h	links/rechts	Spray booth Typ 710	W1271000350
1200 mm	2580 m ³ /h	links/rechts	Small spraystand Typ 712	W1271200350
1400 mm	3180 m ³ /h	links/rechts	Drying spray stand	W1271400350
2000 mm	3460 m ³ /h	links/rechts	Spray booth Typ 720	W1272000350

Feeding

Mixing

Applying

Control

Moving

Booths

Spray booth Type 700 - Accessories

Feeding

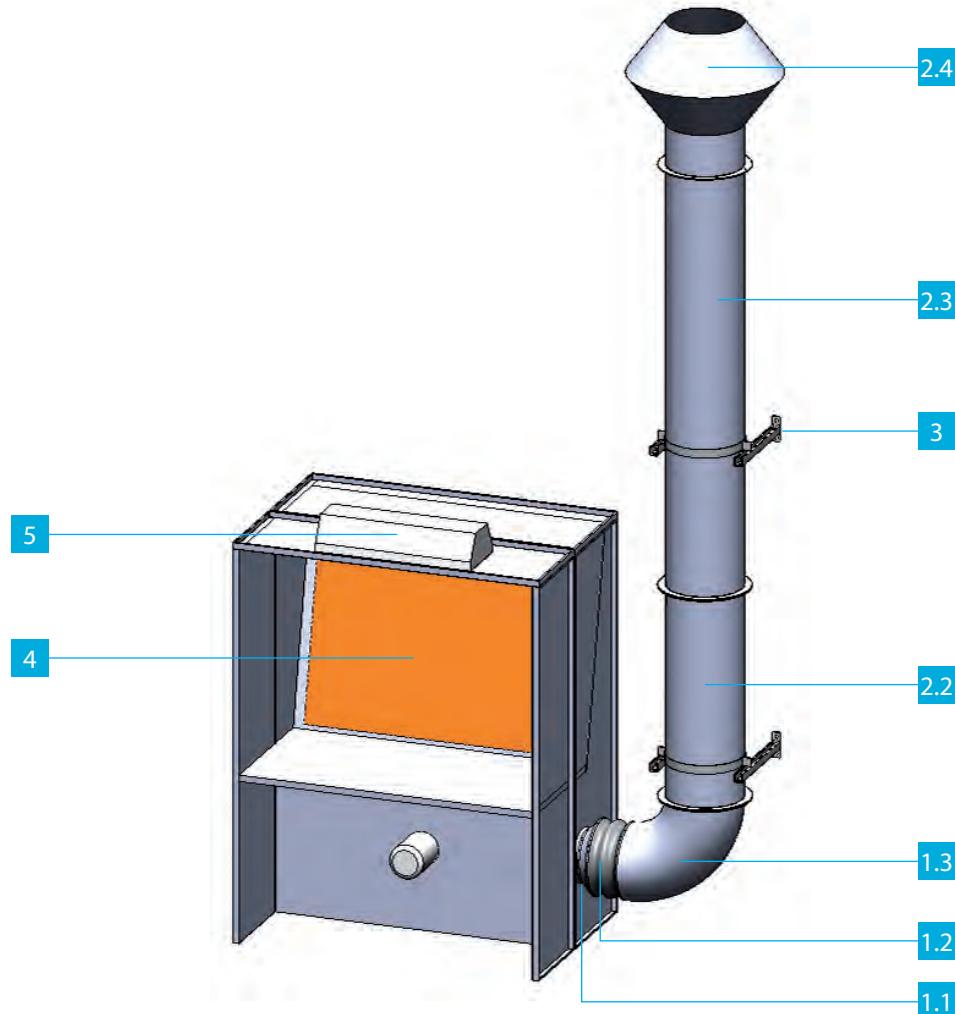
Mixing

Applying

Control

Moving

Booths



Spray booth Type 700 - Accessories

	Type 708	Type 710	Type 712
1 Booth connection			
1.1 Connection fitting/pipe cone	W9100003550	W9100003550	W9100003550
1.2 Sleeve with clamp	W9410002502	W9410002502	W9410002502
1.3 Pipe elbow 90° with bead/flange	W9500002503	W9500002503	W9500002503
2 Exhaust air routing			
Throttle valve	W1600000250	W1600000250	W1600000250
2.2 Exhaust pipe 1m	W9010002502	W9010002502	W9010002502
2.3 Exhaust pipe 2m	W9020002502	W9020002502	W9020002502
Pipe elbow 90°	W9500002502	W9500002502	W9500002502
2.4 Deflector hood	W9400002502	W9400002502	W9400002502
3 Mount			
Pipe clamp with 2 wall consoles	W9200002502	W9200002502	W9200002502
4 Filter pad			
WP-Multilayer filter Typ High Capacity	F0601110600	F0601110600	F0601110600
disk for WP-Multilayer filter	F06099900008	F06099900008	F06099900008
Mounting bolt for WP-Multilayer filter	F0699900007	F0699900007	F0699900007
5 Lamps for hazardous areas			
Ex-Lamp 2 x 20W	W2822200001	W2822200001	W2822200001

	Type 714	Type 720
1 Booth connection		
1.1 Connection fitting/pipe cone	W9100003552	W9100003552
1.2 Sleeve with clamp	W9410003552	W9410003552
1.3 Pipe elbow 90° with bead/flange	W9500003553	W9500003553
2 Exhaust air routing		
Throttle valve	W1600000355	W1600000355
2.2 Exhaust pipe 1m	W9010003552	W9010003552
2.3 Exhaust pipe 2m	W9020003552	W9020003552
Pipe elbow 90°	W9500003552	W9500003552
2.4 Deflector hood	W9400003552	W9400003552
3 Mount		
Pipe clamp with 2 wall consoles	W9200003552	W9200003552
4 Filter pad		
WP-Multilayer filter Typ High Capacity	F0601110600	F0601110600
disk for WP-Multilayer filter	F06099900008	F06099900008
Mounting bolt for WP-Multilayer filter	F0699900007	F0699900007
5 Lamps for hazardous areas		
Ex-Lamp 2 x 20W	W2822200001	W2822200001

Feeding

Mixing

Applying

Control

Moving

Booths

Small spray wall, type 90W

Thanks to the modular design, you obtain booth solutions that perfectly match your operating needs. These cost-effective systems can additionally be equipped with energy saving circuits. On request we also install other components you may need such as switch cabinets, pipework, etc. The filter mats feature a high degree of efficiency and a large holding capacity, keeping the number of filter changes and booth maintenance to a minimum.

Feeding

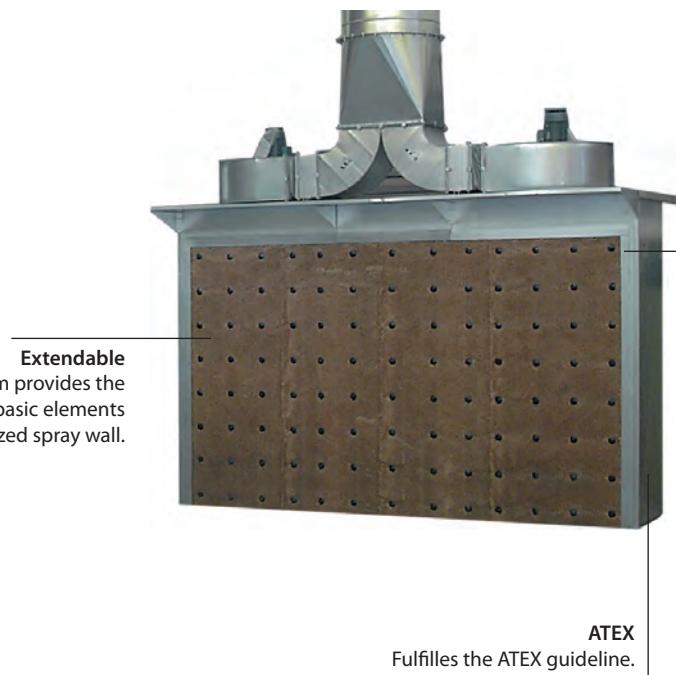
Mixing

Applying

Control

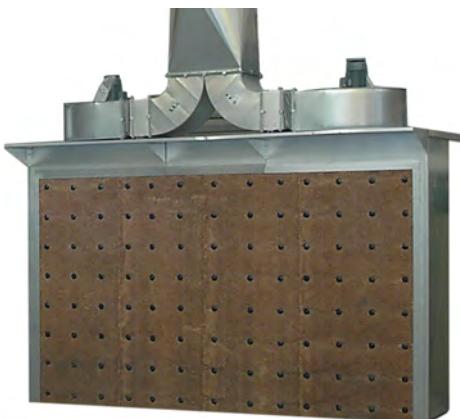
Moving

Booths





Spray booth Type 90W



SPECIAL ADVANTAGES

TECHNICAL DATA

Total depth 750 mm, 30 in

ORDERING INFORMATION

- Select the working width you require.
- Select the required accessories.

ORDERING INFORMATION - TOTAL HEIGHT MM750

Total width	Air volume	Direction of rotation of fan	Blower type	Description	Item no.
6000 mm	8100 m ³ /h	left	450	Spray panel Typ 90W Gr.100-750	W5600075451
6000 mm	8100 m ³ /h	right	450	Spray panel Typ 90W Gr.100-750	W5600075450
2250 mm	3400 m ³ /h	left	350	Spray panel Typ 90W Gr.35-750	W5225075351
2250 mm	3400 m ³ /h	right	350	Spray panel Typ 90W Gr.35-750	W5225075350
750 mm	1100 m ³ /h	left	350	Spray panel Typ 90W Gr.5-750	W5075075351
750 mm	1100 m ³ /h	right	350	Spray panel Typ 90W Gr.5-750	W5075075350
3500 mm	5000 m ³ /h	left	400	Spray panel Typ 90W Gr.60-750	W5375075351
3500 mm	5000 m ³ /h	right	400	Spray panel Typ 90W Gr.60-750	W5375075350
4500 mm	6100 m ³ /h	left	450	Spray panel Typ 90W Gr.80-750	W5450075451
4500 mm	6100 m ³ /h	right	450	Spray panel Typ 90W Gr.80-750	W5450075450

Feeding

Mixing

Applying

Control

Moving

Booths

Spray booth Type 90W

ORDERING INFORMATION - TOTAL HEIGHT MM1500

Total width	Air volume	Direction of rotation of fan	Blower type	Description	Item no.
1500 mm	4050 m ³ /h	left	350	Spray panel Typ 90W Gr.20-1500	W5150150351
1500 mm	4050 m ³ /h	right	350	Spray panel Typ 90W Gr.20-1500	W5150150350
2250 mm	6750 m ³ /h	left	450	Spray panel Typ 90W Gr.35-1500	W5225150451
2250 mm	6750 m ³ /h	right	450	Spray panel Typ 90W Gr.35-1500	W5225150450
3000 mm	8100 m ³ /h	left	450	Spray panel Typ 90W Gr.50-1500	W5300150451
3000 mm	8100 m ³ /h	right	450	Spray panel Typ 90W Gr.50-1500	W5300150450
750 mm	2050 m ³ /h	left	350	Spray panel Typ 90W Gr.5-1500	W5075150351
750 mm	2050 m ³ /h	right	350	Spray panel Typ 90W Gr.5-1500	W5075150350
4500 mm	12200 m ³ /h	left	2x400	Spray panel Typ 90W Gr.80-1500	W5450150401
4500 mm	12200 m ³ /h	right	2x400	Spray panel Typ 90W Gr.80-1500	W5450150400
4500 mm	12200 m ³ /h	left/right	2x400	Spray panel Typ 90W Gr.80-1500	W5450150402
5250 mm	14200 m ³ /h	left	2x450	Spray panel Typ 90W Gr.85-1500	W5525150451
5250 mm	14200 m ³ /h	right	2x450	Spray panel Typ 90W Gr.85-1500	W5525150450
5250 mm	14200 m ³ /h	left/right	2x450	Spray panel Typ 90W Gr.85-1500	W5525150452

Feeding

Mixing

Applying

Control

Moving

Booths

Spray booth Type 90W - Accessories

ORDERING INFORMATION - TOTAL HEIGHT MM2100

Total width	Air volume	Direction of rotation of fan	Blower type	Description	Item no.
1000 mm	3600 m ³ /h	left	350	Spray panel Typ 90W Gr.10	W3290101350
1000 mm	3600 m ³ /h	right	350	Spray panel Typ 90W Gr.10	W3290100350
6000 mm	23000 m ³ /h	left	3x350	Spray panel Typ 90W Gr.100	W3291001450
6000 mm	23000 m ³ /h	right	3x350	Spray panel Typ 90W Gr.100	W3291000450
6000 mm	23000 m ³ /h	left/right	3x350	Spray panel Typ 90W Gr.100	W3291002450
1500 mm	6500 m ³ /h	left	400	Spray panel Typ 90W Gr.20	W3290201400
1500 mm	6500 m ³ /h	right	400	Spray panel Typ 90W Gr.20	W3290200400
2000 mm	8600 m ³ /h	left	450	Spray panel Typ 90W Gr.30	W3290301450
2000 mm	8600 m ³ /h	right	450	Spray panel Typ 90W Gr.30	W3290100450
2500 mm	10000 m ³ /h	left	450	Spray panel Typ 90W Gr.40	W3290401450
2500 mm	10000 m ³ /h	right	450	Spray panel Typ 90W Gr.40	W4290400450
3000 mm	12800 m ³ /h	left	2x400	Spray panel Typ 90W Gr.50	W3290501400
3000 mm	12800 m ³ /h	right	2x400	Spray panel Typ 90W Gr.50	W3290100400
3000 mm	12800 m ³ /h	left/right	2x400	Spray panel Typ 90W Gr.50	W3290502400
3500 mm	15000 m ³ /h	left	2x400	Spray panel Typ 90W Gr.60	W3290601451
3500 mm	15000 m ³ /h	right	2x400	Spray panel Typ 90W Gr.60	W3290600450
4000 mm	17000 m ³ /h	left	2x400	Spray panel Typ 90W Gr.70	W3290701450
4000 mm	17000 m ³ /h	right	2x400	Spray panel Typ 90W Gr.70	W3290700450
4000 mm	17000 m ³ /h	left/right	2x400	Spray panel Typ 90W Gr.70	W3290702450
4500 mm	19000 m ³ /h	left	2x400	Spray panel Typ 90W Gr.80	W3290801450
4500 mm	19000 m ³ /h	right	2x400	Spray panel Typ 90W Gr.80	W3290800450
4500 mm	19000 m ³ /h	left/right	2x400	spray panel Typ 90W Gr.80	W3290820450

Feeding

Mixing

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Control

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Spray booth Type 90W - Accessories

Feeding

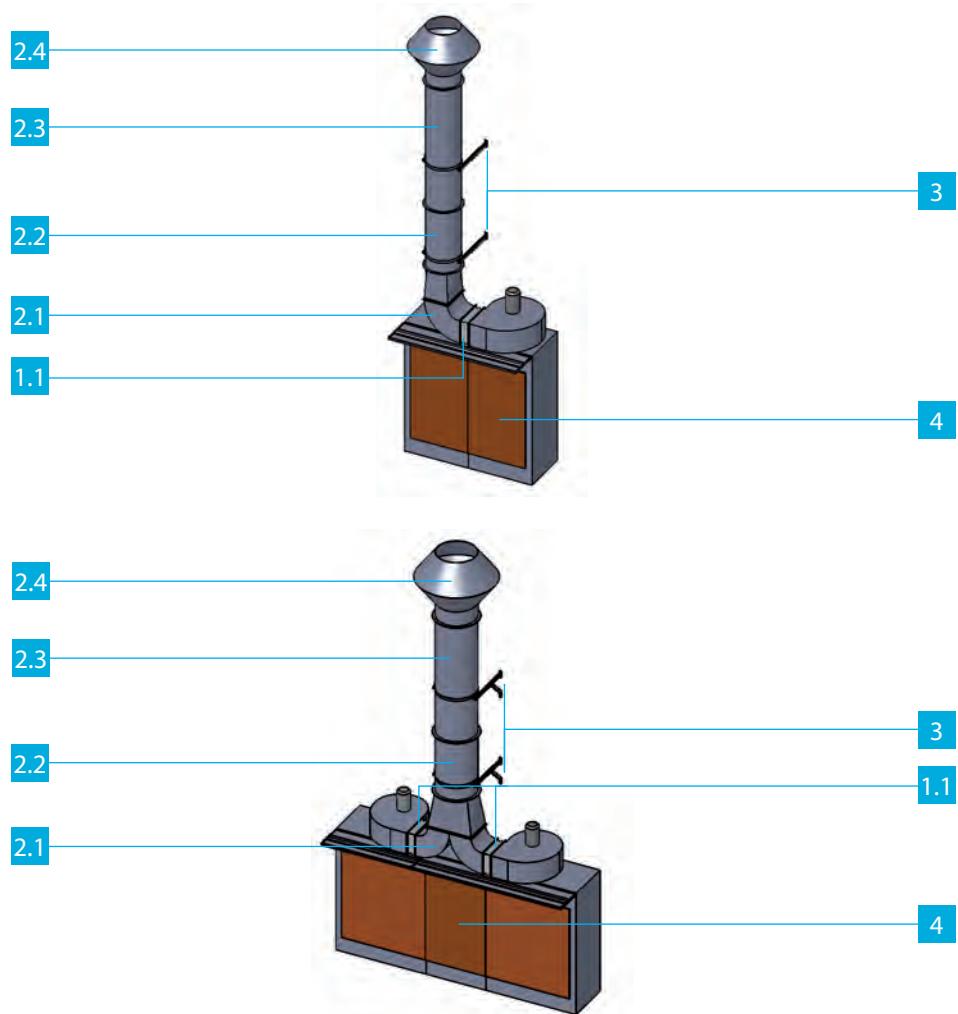
Mixing

Applying

Control

Moving

Booths



Spray booth Type 90W - Accessories

	Type 90W Size 5-750	Type 90W Size 35-750	Type 90W Size 60-750	Type 90W Size 80-750
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1 Booth connection				
1.1 Rectangular sleeve		W7000000010	W7000000010	W7000000011
				W7000000012
2 Exhaust air routing				
2.1 Right-angle elbow 90°	W9713503552	W9713503552	W9714004002	W9714505002
2.2 Exhaust pipe 1m	W9010003552	W9010003552	W9010004002	W9010005002
2.3 Exhaust pipe 2m	W9020003552	W9020003552	W9020004002	W9020005002
Pipe elbow 90°	W9500003552	W9500003552	W9500004002	W9500005002
2.4 Deflector hood	W9400003552	W9400003552	W9400004002	W9400005002
3 Mount				
Pipe clamp with 2 wall consoles	W9200003552	W9200003552	W9200004002	W9200005002
4 Filter pad				
WP-Multilayer filter Typ High Capacity disk for WP-Multilayer filter	F0601110600	F0601110600	F0601110600	F0601110600
Mounting bolt for WP-Multilayer filter	F06099900008	F06099900008	F06099900008	F06099900008
	F0699900007	F0699900007	F0699900007	F0699900007

	Type 90W Size 100-750	Type 90W Size 5-1500	Type 90W Size 20-1500	Type 90W Size 35-1500
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1 Booth connection				
1.1 Rectangular sleeve		W7000000012	W7000000010	W7000000010
				W7000000012
2 Exhaust air routing				
2.1 Right-angle elbow 90°	W9714505002	W9713503552	W9713503552	W9714505002
2.2 Exhaust pipe 1m	W9010005002	W9010003552	W9010003552	W9010005002
2.3 Exhaust pipe 2m	W9020005002	W9020003552	W9020003552	W9020005002
Pipe elbow 90°	W9500005002	W9500003552	W9500003552	W9500005002
2.4 Deflector hood	W9400005002	W9400003552	W9400003552	W9400005002
3 Mount				
Pipe clamp with 2 wall consoles	W9200005002	W9200003552	W9200003552	W9200005002
4 Filter pad				
WP-Multilayer filter Typ High Capacity disk for WP-Multilayer filter	F0601110600	F0601110600	F0601110600	F0601110600
Mounting bolt for WP-Multilayer filter	F06099900008	F06099900008	F06099900008	F06099900008
	F0699900007	F0699900007	F0699900007	F0699900007

	Type 90W Size 50-1500	Type 90W Size 80-1500	Typ 90W Gr. 85-1500	Type 90W Size 10
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1 Booth connection				
1.1 Rectangular sleeve		W7000000012	W7000000011	W7000000012
				W7000000010
2 Exhaust air routing				
2.1 Right-angle elbow 90°	W9714505002	-	-	W9713503552
2.2 Exhaust pipe 1m	W9010005002	W9010006302	W9010006302	W9010003552
2.3 Exhaust pipe 2m	W9020005002	W9020006302	W9020006302	W9020003552
Pipe elbow 90°	W9500005002	W9500006302	W9500006302	W9500003552
2.4 Deflector hood	W9400005002	W9400006302	W9400006302	W9400003552
2.1 Right-angle Y-pipe	-	W9724006302	W9724506302	-
3 Mount				
Pipe clamp with 2 wall consoles	W9200005002	W9200006302	W9200006302	W9200003552

Feeding

Mixing

Applying

Control

Moving

Booths

Spray booth Type 90W - Accessories

4 Filter pad

WP-Multilayer filter Typ High Capacity disk for WP-Multilayer filter	F0601110600	F0601110600	F0601110600	F0601110600
Mounting bolt for WP-Multilayer filter	F06099900008	F06099900008	F06099900008	F06099900008
	F0699900007	F0699900007	F0699900007	F0699900007

	Type 90W Size 20	Type 90W Size 30	Type 90W Size 40	Typ 90W Gr. 50
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1 Booth connection

1.1 Rectangular sleeve	W7000000011	W7000000012	W7000000012	W7000000011
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2 Exhaust air routing

2.1 Right-angle elbow 90°	W9714004002	W9714505002	W9714505002	-
2.2 Exhaust pipe 1m	W9010004002	W9010005002	W9010005002	W9010006302
2.3 Exhaust pipe 2m	W9020004002	W9020005002	W9020005002	W9020006302
Pipe elbow 90°	W9500004002	W9500005002	W9500005002	W9500006302
2.4 Deflector hood	W9400004002	W9400005002	W9400005002	W9400006302
2.1 Right-angle Y-pipe	-	-	-	W9724006302

3 Mount

Pipe clamp with 2 wall consoles	W9200004002	W9200005002	W9200005002	W9200006302
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4 Filter pad

WP-Multilayer filter Typ High Capacity disk for WP-Multilayer filter	F0601110600	F0601110600	F0601110600	F0601110600
Mounting bolt for WP-Multilayer filter	F06099900008	F06099900008	F06099900008	F06099900008
	F0699900007	F0699900007	F0699900007	F0699900007

	Type 90W Size 60	Type 90W Size 70	Type 90W Size 80	Type 90W Size 100
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1 Booth connection

1.1 Rectangular sleeve	W7000000012	W7000000012	W7000000012	W7000000012
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2 Exhaust air routing

2.1 Right-angle Y-pipe	W9724506302	W9724506302	W9724508002	-
2.2 Exhaust pipe 1m	W9010006302	W9010006302	W9010008002	W9010005002
2.3 Exhaust pipe 2m	W9020006302	W9020006302	W9020008002	W9020005002
Pipe elbow 90°	W9500006302	W9500006302	W9500008002	W9500005002
2.4 Deflector hood	W9400006302	W9400006302	W9400008002	W9400005002
2.1 Right-angle elbow 90°	-	-	-	W9714505002

3 Mount

Pipe clamp with 2 wall consoles	W9200006302	W9200006302	W9200008002	W9200005002
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4 Filter pad

WP-Multilayer filter Typ High Capacity disk for WP-Multilayer filter	F0601110600	F0601110600	F0601110600	F0601110600
Mounting bolt for WP-Multilayer filter	F06099900008	F06099900008	F06099900008	F06099900008
	F0699900007	F0699900007	F0699900007	F0699900007

Spray wall



SPECIAL ADVANTAGES

- Thanks to their modular design, spray walls of the 900 series are particularly economical to purchase.
- High absorption capacity results in a long service life
- High removal efficiency delays contamination of the booth, fan and piping
- Multilayer filter technology offers significant benefits: high removal efficiency, high absorption capacity
- Readily installable by customer

ORDERING INFORMATION

- Select the working width you require.
- Select the required accessories.

ORDERING INFORMATION

Working width	Air volume	Item
1000 mm, 39,4 in	3600 m ³ /h	Spray mist extraction wall, type 910
1500 mm, 59,1 in	6500 m ³ /h	Spray mist extraction wall, type 915
2000 mm, 78,7 in	8600 m ³ /h	Spray mist extraction wall, type 920
2500 mm, 98,4 in	10000 m ³ /h	Spray mist extraction wall, type 925

Feeding

Mixing

Applying

Control

Moving

Booths

Water wash paint spray wall



SPECIAL ADVANTAGES

- Three-stage filtering: 1. Water curtain 2. Nozzle washing system 3. Filler filtering
- Reduced weight - small space requirements
- Useful special accessories: rotary cross, lamp
- Additionally available: paint sludge remover TWIN 2200
- Comparable products that are tailored to the specific requirements of each application are also available.

ORDERING INFORMATION

- Select the working width you require.
- Select the required accessories.

ORDERING INFORMATION

Working depth	Working width	Water capacity	Air volume	Rated power, drive motor	Item
1050 mm, 41 in	965 mm, 38 in	1,1 m ³ , 290589 gal(US)	3600 m ³ /h	3,3 kW	Water wash spray wall, type 5658 sz. 0
1200 mm, 47 in	1450 mm, 57 in	1,6 m ³ , 435884 gal(US)	3700 m ³ /h	3,3 kW	Water wash spray wall, type 5658 sz. 2
1700 mm, 67 in	1905 mm, 75 in	2,6 m ³ , 686847 gal(US)	5500 m ³ /h	5,5 kW	Water wash spray wall, type 5658 sz. 4
1700 mm, 67 in	2400 mm, 94 in	3,2 m ³ , 845351 gal(US)	7200 m ³ /h	5,5 kW	Water wash spray wall, type 5658 sz. 5
1700 mm, 67 in	2920 mm, 115 in	4,0 m ³ , 1056688 gal(US)	8800 m ³ /h	5,5 kW	Water wash spray wall, type 5658 sz. 6
1700 mm, 67 in	3800 mm, 150 in	5,0 m ³ , 1320860 gal(US)	11250 m ³ /h	7,5 kW	Water wash spray wall, type 5658 sz. 8

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MARKET-LEADING MANUFACTURER

WAGNER Industrial Solutions is, as a part of the WAGNER Group, the market leader in manufacturing technologically advanced systems and plants for surface coating using liquid, powder, paints and fluid media. What do delicate writing tools, TVs, mobile phones, laptops, refrigerators and kitchens, control cabinets, wheel rims, cars, yachts and cranes all have in common? Of course: an innovative coating technology for high quality surfaces that is integrated in the industrial production process.

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The appearance and function of a product's surface structure is critical to its value. And it is what our development engineers focus on: we work to enhance your products. At our development centre in Switzerland, we have a successful think tank and set the benchmark in many sectors worldwide. For example, we are regarded as the pioneers in electrostatic powder coating of large workpieces and are leaders in high technology applications. Always in focus: simple handling combined with high efficiency and the best possible environmental protection – according to VOC regulations.

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An experienced team of application technicians performs test runs in which various coatings are tested under production conditions and the best solution is ultimately implemented. Thanks to its global service network and innovative products, the WAGNER group is among the top providers in the coating sector.

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J. Wagner GmbH
Industrial Solutions
D-88677 Markdorf

Tel. +49 (0) 75 44/5 05-0
Fax +49 (0) 75 44/5 05-200



www.wagner-group.com

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