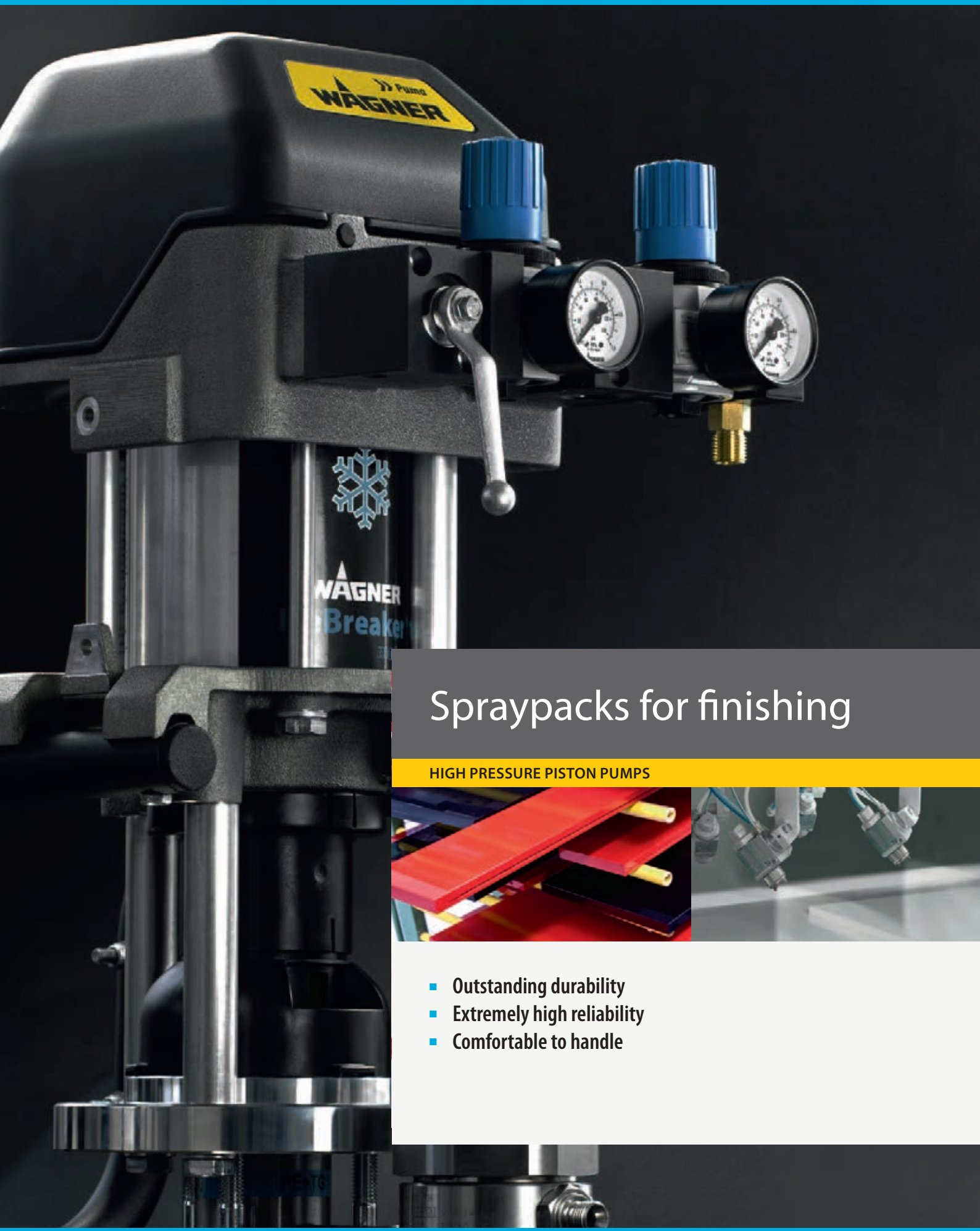
WAGNER

Industrial Solutions



Spraypacks for finishing

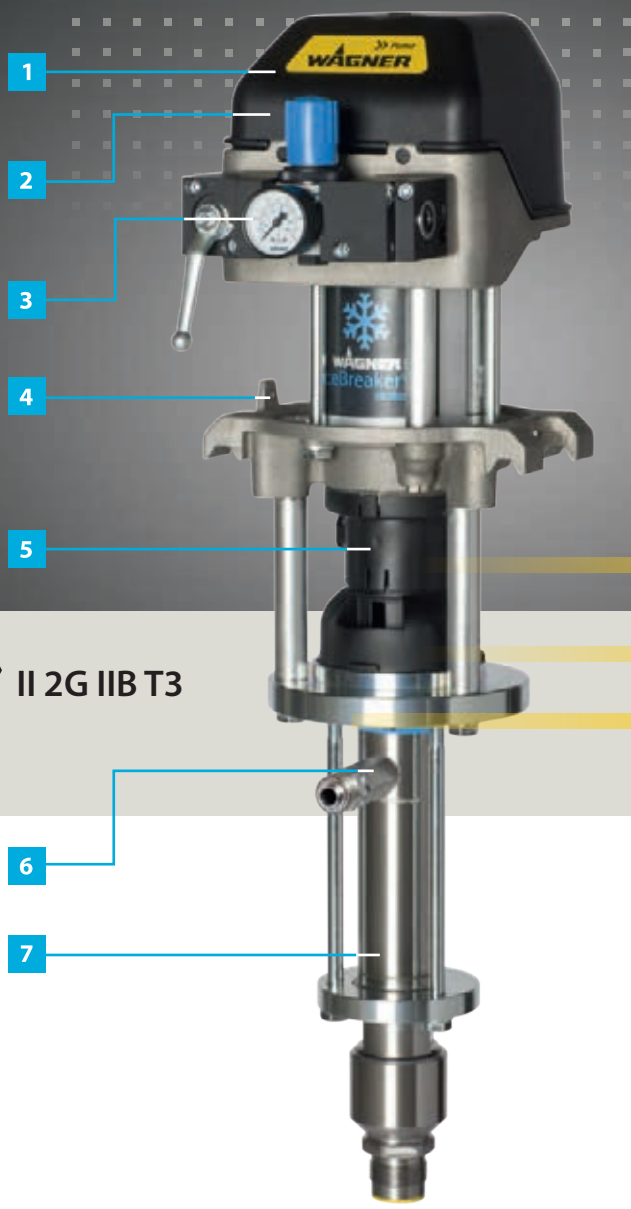
HIGH PRESSURE PISTON PUMPS

- Outstanding durability
- Extremely high reliability
- Comfortable to handle

WAGNER Piston Pumps - They make the difference!

Quality makes the difference

Outstanding durability, high reliability and versatility, these are the characteristics of WAGNER finishing pumps. Our pumps are designed to satisfy any application requirement from the small workshop to the large industry. The new IceBreaker pump family keeps the old virtues of excellent usability and serviceability and combines them with new features that give users the comfort they want while keeping operating costs low.



1 IceBreaker
Exclusive IceBreaker technology distinguishes WAGNER pumps from all the others. Our air motor prevents ice accumulation inside the circuit ensuring consistent performance and great power under any working conditions.

3 years WAGNER Guarantee for all non-wearing parts

CE Ex II 2G IIB T3

2 Low pulsation
Thanks to the special packing-free, anti-stalling pilot valve WAGNER pumps run smooth and almost pulsation-free even at low working pressure.

3 Comfortable operation
The special integrated valve with one hand operation command makes the start-up of the pump extremely easy and smooth without adjusting the air pressure. The fluid circuit is operated from the front of the pump.

4 Ready for stroke sensor
The pump is ready to be equipped with a stroke meter. This enables the pump to be used on a TwinControl.

5 High safety standards
Special protection for the moving parts and integrated overpressure valve prevent risk of injuries to the operator.

6 Versatility and durability
Stainless steel fluid section with special self adjusting packings, thick hard chrome plated piston and tungsten carbide valve seats ensure highest durability regardless of the material used. Perfect for water- and solvent based primers or top-coats.

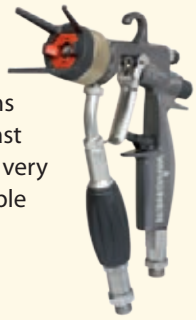
7 Reduce service cost
Highly durable wearing parts and quick disassembly design makes service less frequent and very easy to execute.

Great advantages for different application methods

WAGNER finishing pumps: Designed for your needs!

For high quality coatings

AirCoat

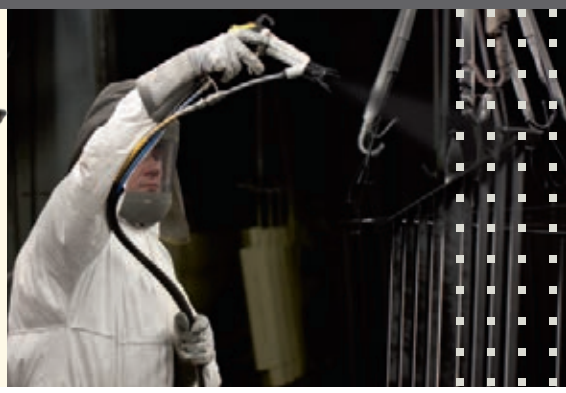


WAGNER AirCoat manual or automatic guns combined with WAGNER pumps provide fast application with superior finishing quality, very high transfer efficiency and very comfortable working conditions.

For higher transfer efficiency and top quality

Electrostatic

The new GM 5000AC in combination with an IceBreaker psiton pump spraypack offers the highest level of transfer efficiency and surface quality. You can feel, see and measure the differnce in surface accuracy and material savings.



For functional coatings

Airless

In combination with the well balanced fatigue-free WAGNER airless guns AG 14 or G 15 you will get outstanding performance durability and very productive application.

Complete product range to meet all application needs

Make your selection!

WAGNER IceBreaker® and EvoMotion piston pumps are the right choice for any kind of high pressure atomizing technology. They are readily equipped with all necessary connections and components for Airless or AirCoat applications. The huge range covers all application requirements.

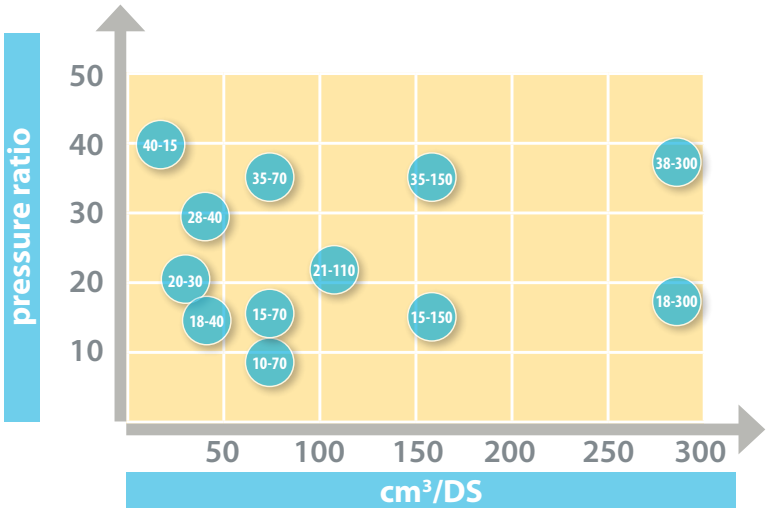
Technical Data

Finishing Spraypacks - Overview

Technical Data		AIRCOAT EvoMotion 20-30S	AIRCOAT / AIRLESS EvoMotion 40-15S	AIRCOAT Wildcat 10-70	AIRCOAT Puma 15-70	AIRCOAT Puma 15-150	AIRCOAT Wildcat 18-40	AIRCOAT Leopard 18-300	AIRCOAT Pum 21-1
Pump ratio		20:1	40:1	10:1	15:1	15:1	18:1	18:1	21:1
Max. working pressure	[bar]	160	280	80	120	120	144	139	170
Double-stroke volume	[cm³/DS]	30	14	70	70	150	40	300	110
Max. delivery rate	[l/min]	1.8	8.4	4.2	4.2	9.0	2.4	18.0	6.6
Air pressure (max.)	[bar]	8.0	7.0	8.0	8.0	8.0	8.0	7.7	8.0
Air supply	internal thread	8mm	8mm	G ½ "	G ½ "	G ½ "	G ½ "	G ½ "	G ½
Material inlet	external thread	M36x2	M36x2	M36x2	M36x2	M36x2	M36x2	M36x2	M36
Material outlet	external thread	¼"NPS	¼"NPS	M24x1,5	M24x1,5	M24x1,5	M24x1,5	M24x1,5	M24
Packing material	Standard Alternative	PE/T	PE/T	PE/TG PE/T	PE/TG PE/T	PE/TG PE/T	PE/TG PE/T	PE/TG PE/T	PE/T PE/T

RANGE OVERVIEW

Search for the requested material flow and material pressure: Make your selection from 12 different pump models to find the exact solution for your job.



WETTED PARTS

- Tungsten carbide
- Stainless steel
- Hard chrome
- PTFE
- Packing material dependiing on pump type

Equipment for professional paint supply

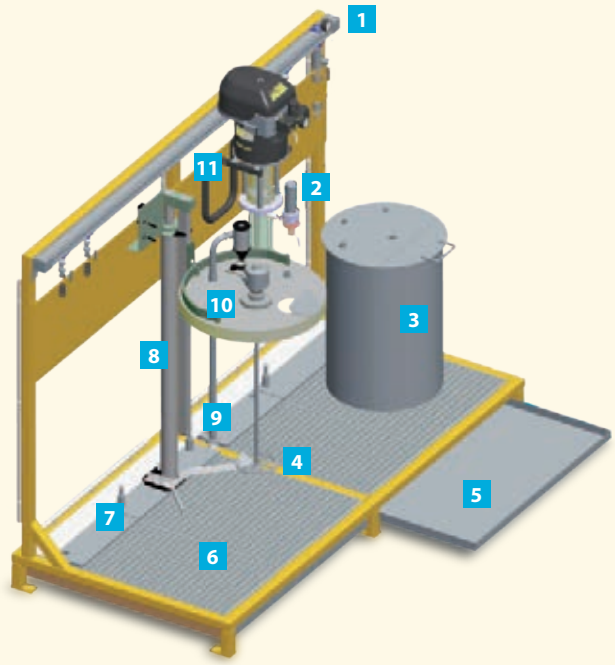
Paint supply

WAGNER offers a complete range of components and accessories required in a comprehensive paint supply system. The WAGNER Accessory Catalog guides the user to the correct selection of parts such as system racks, agitators, elevators and material regulators plus the hoses and fittings to connect the components.

AIRCOAT / AIRLESS	AIRCOAT / AIRLESS	AIRCOAT / AIRLESS	AIRCOAT / AIRLESS	AIRCOAT / AIRLESS
a 10	**Puma 28-40**	**Leopard 35-70**	**Leopard 35-150**	**Jaguar 38-300**
	28:1	35:1	35:1	38:1
	224	249	270	270
	40	70	150	300
	2.4	4.2	9.0	18.0
	8.0	7.1	7.7	7.1
"	G ½ "	G ½ "	G ½ "	G 1"
6x2	M36x2	M36x2	M36x2	G 1½"-I
4x1,5	M24x1,5	M24x1,5	M24x1,5	M24x1,5
TG T	PE/TG PE/T	PE/TG PE/T	PE/TG PE/T	PE/TG PE/T

TYPICAL FLUIDS

- Solvent- and water based material
- 1-K and 2-K paint
- Primer and top coat
- Low-/ medium- / high solid material
- Paints and release agent
- PU and Epoxy material



1 Air supply
2 Material filter
3 Material box
4 Agitators
5 Drip trays
6 Pump rack
7 Level monitoring
8 Elevators
9 Suction systems
10 Drum covers
11 Wall mounts

Individual spraypacks and a wide range of accessories

Customized solutions

WAGNER offers a fully modular system which enables you to configure the spray pack to fit your application needs. Choose from 12 different pumps and then complete the package with your choice of up to 70 dedicated accessories.

1 Full range of spray guns
All WAGNER guns offer you the best ergonomics, highest reliability and unique features. Our latest developments include the new generation of GM 5000AC electrostatic guns for best performance in terms of finishing and transfer efficiency. The GM 4700AC manual AirCoat gun with patented "cage"- filter system guarantees long operation without interruption and best finishing results.

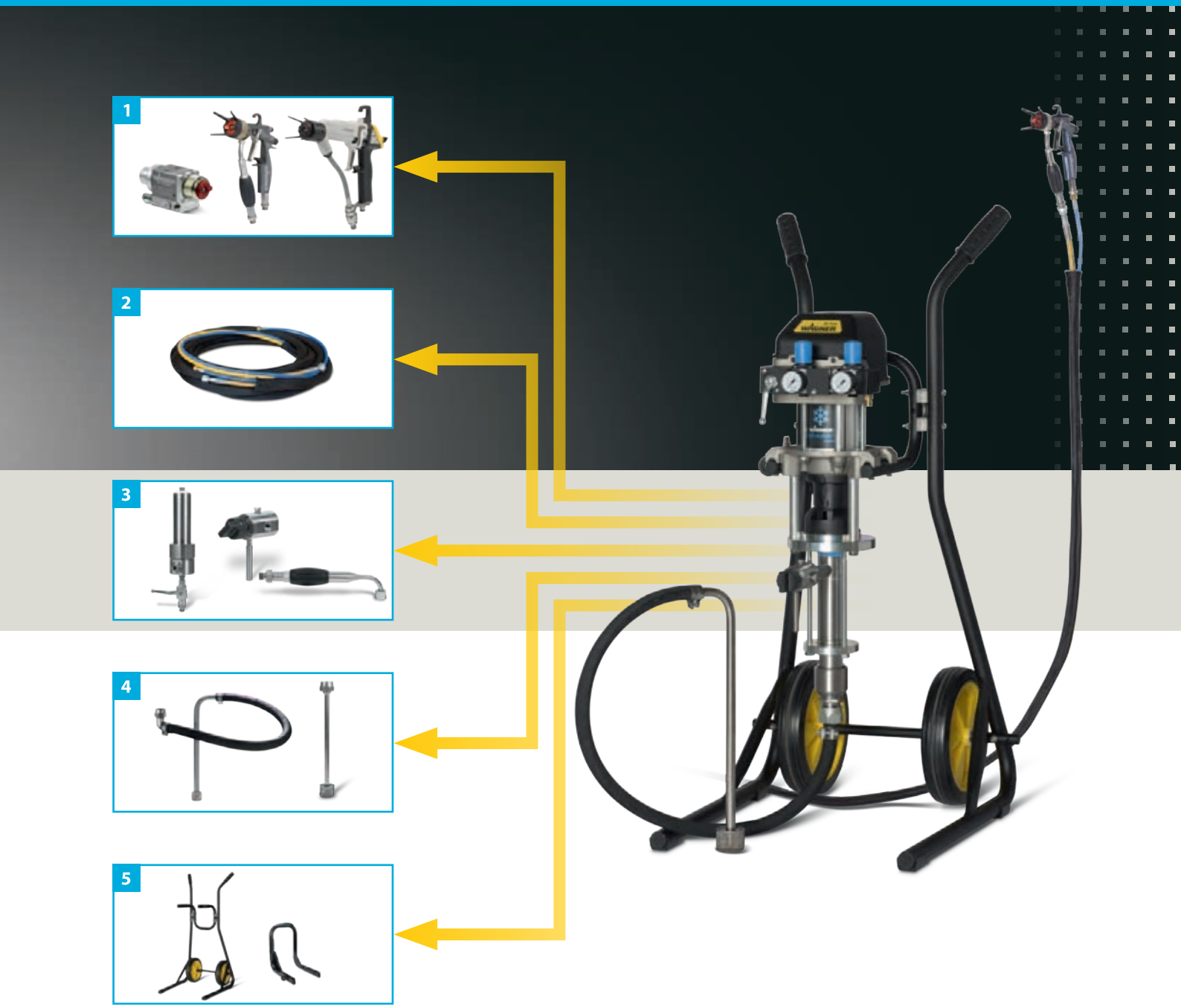
The most important part of a spray gun is the nozzle. WAGNER offers a wide range of high quality standard nozzles and special pre-atomizing nozzles. All WAGNER nozzles offer fast application speed, low overspray, high transfer efficiency with maximum application versatility and finishing quality.

2 Material hoses
Very flexible high pressure material hoses are a must for comfortable spraying operation. We offer a wide variety of hose packages ready for AirCoat or Airless applications.

3 Pump outlet
Need a filter or just a relief valve? Or do you need a complete circulation system? The modular system allows selection of just the accessories you need. Now available: The new WAGNER "cage"-filter as inline filter element.

4 Suction systems
Regardless of whether you need rigid suction pipe or an ultra-flexible suction hose – you can always find the right solution from our wide range of suction equipment.

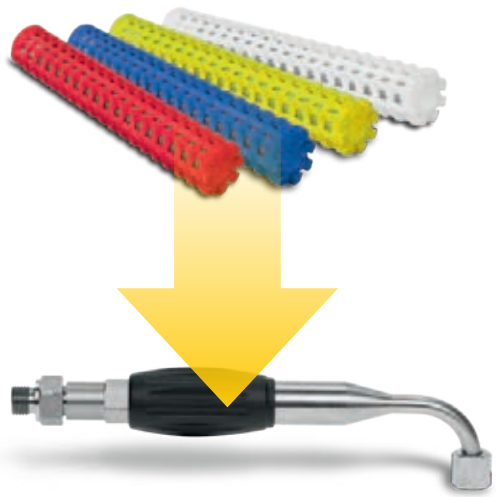
5 Mounting equipment
Full range of mounting equipment available includes: Wall brackets, stands or big wheel trolleys.



Cage Filter - capturing the dirt!

The new patented WAGNER Cage filter was designed by meeting customer's needs. With these needs in mind the filter was developed reducing dead spaces optimizing the flush ability, extending the lifetime and make it more compact to reduce the gun size and weight.

- Easy to exchange – clean filter housing
- Longer filter life time - bigger chamber for dirt
- Easy to flush - fast color change
- Easy to mount - can't be assembled wrong



A complete range of 2-K systems

WAGNER offers a wide range of 2-K systems. TwinControl - 1 color / 1 hardener / 1 solvent include all components required to mix the material. The FlexControl family offers additional features such as automatic color changes, recipe storage, peripheral equipment interfaces. Both are available for low and high pressure applications with a very high mixing accuracy.

HP diaphragm pumps

WAGNER Cobra®

WAGNER Cobra® is a high pressure double diaphragm pump suitable for AirCoat applications up to 250 bar. The pump is completely sealed from the external atmosphere. The absence of friction, the minimum of shear and almost no pulsation make it perfect for virtually any material and application! An extremely long lifetime guarantees a high process reliability. Suitable up to 5 l/min and ideal for water- and solvent based paints, UV and reactive materials.

www.wagner-group.com

Further information on WAGNER piston pumps and on a wide variety of accessories like suction systems, mounting equipment and fittings can be found in the WAGNER liquid applications catalog.

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BASIC UNITS

Description		AirCoat	Airless	
Pumps				
	Piston pump EvoMotion 20-30 PE/T	■	□	2329452
	Piston pump EvoMotion 40-15 PE/T	■	■	2329450
	Piston pump Wildcat 10-70 PE/TG	■	□	2329460
	Piston pump Wildcat 10-70 PE/T	■	□	2329462
	Piston pump Puma 15-70 PE/TG	■	□	2329471
	Piston pump Puma 15-70 PE/T	■	□	2329473
	Piston pump Puma 15-150 PE/TG	■	□	2329475
	Piston pump Puma 15-150 PE/T	■	□	2329477
	Piston pump Wildcat 18-40 PE/TG	■	□	2329456
	Piston pump Wildcat 18-40 PE/T	■	□	2329458
	Piston pump Leopard 18-300 PE/TG	■	□	2329497
	Piston pump Leopard 18-300 PE/T	■	□	2329499
	Piston pump Puma 21-110 PE/TG	■	□	2329517
	Piston pump Puma 21-110 PE/T	■	□	2330614
	Piston pump Puma 28-40 PE/TG	■	■	2329467
	Piston pump Puma 28-40 PE/T	■	■	2329469
	Piston pump Leopard 35-70 PE/TG	■	■	2329479
	Piston pump Leopard 35-70 PE/T	■	■	2329481
	Piston pump Leopard 35-150 PE/TG	■	■	2329484
	Piston pump Leopard 35-150 PE/T	■	■	2329486
	Piston pump Jaguar 38-300 PE/T	■	■	2329507
	Piston pump Jaguar 38-300 PE/TG	■	■	2329509

ACCESSORIES

Description	Compatibility												
	EvoMotion 20-30	EvoMotion 40-15	Wildcat 10-70	Puma 15-70	Puma 15-150	Wildcat 18-40	Leopard 18-300	Puma 21-110	Puma 28-40	Leopard 35-70	Leopard 35-150	Jaguar 38-300	
Mounting Equipment													
Wall mounting 4" cpl.	■	■	■	■	■	■		■	■				2332143
Wall mounting 6" cpl.							■			■	■		2332145
Wall mounting 9" cpl.												■	369020
Stand 4" cpl.	■	■							■				2332374
Trolley 4" cpl.	■	■	■	■	■	■		■	■				2325901
Trolley 6" cpl.							■			■	■		2325916
Trolley 4-wheels	■	■											T6196.00
Trolley Heavy Duty Leopard/Jaguar							■			■	■	■	369024

ACCESSORIES

Description		Compatibility											
		EvoMotion 20-30	EvoMotion 40-15	Wildcat 10-70	Puma 15-70	Puma 15-150	Wildcat 18-40	Leopard 18-300	Puma 21-110	Puma 28-40	Leopard 35-70	Leopard 35-150	Jaguar 38-300	
Suction Systems														
Complete systems														
	Suctionpipe DN16-SSt cpl.	■	■	■	■		■		■	■	■			2324158
	Suctionpipe DN25-SSt cpl.			■	■	■	■	■	■	■	■	■	■	2323239
	Suction hose DN16-SSt cpl.	■	■	■	■		■		■	■	■			2324110
	Suction hose DN25-SSt cpl.			■	■	■	■	■	■	■	■	■	■	2324116
	5L Hopper set for piston pumps	■	■	■	■		■			■	■			2332169
	Suctionpipe DN25-200L-SSt cpl.			■	■	■		■	■	■	■	■	■	2324238
	Suctionpipe DN25-30L-SSt cpl.			■	■	■	■	■	■	■	■	■	■	2324241
	Suction elbow fitting DN25-SSt													2324247
Suction filters as spare														
	Suction filter DN16-25mesh-SSt													2323396
	Suction filter DN25-25mesh-SSt													2323325
Suction hose extensions														
	LP-hose DN16-PN10-EPDM													2323329
	LP-hose DN25-PN10-EPDM													2323474
	LP-hose DN16-PN10-PE													2323597
	LP-hose DN25-PN10-PE													2323595
	LP-hose fitting DN16 - M36 SSt													2325390
	LP-hose fitting DN25 - M36 SSt													2325408
Suction fittings														
	Double fitting DF-MM-M36-M36-PN15-SSt													2329558
	Double fitting DF-MM-R½"-M36-PN15-SSt													2329560
	Double fitting DF-MM-R¾"-M36-PN15-SSt													2329561
	Double fitting DF-MM-R1"-M36-PN15-SSt													2329562
	Double fitting DF-MM-R1½"-M36-PN15-SSt													2329563
	Double fitting DF-MM-G1½"-G1½"-PN15-SSt													369960
	Suction adapter DF-FF-M36-G¾"-PN20-SSt													2322693
	Suction adapter DF-FF-M36-G1"-PN20-SSt													2322692
	Adapter for 200l drums with bung hole DN25-G2"													2315163
Pump release valves & material filters														
	Filter release combination cpl.			■	■	■	■	■	■	■	■	■		2329023
	Inline-filter DN6-PN270-G¼"-SSt			■	■	■	■	■	■	■	■	■		2324558
	Inline-filter DN6-PN270-G¼"-SSt 90°			■	■	■	■	■	■	■	■	■		2329026
	HP-filter DN10-PN270-SSt cpl.			■	■	■	■	■	■	■	■	■	■	2329024
	Ball valve-R¼"-G¼"-PN350-SSt	■	■											2334488
	Ball valve-R¼"-G¼"-PN350-CS	■	■											2334472
	HP-Filter DN12-PN530-SSt kpl.			■	■	■	■	■	■	■	■	■	■	2329025
	Recirculation pipe DN6-G¼"-100mm-PE	■	■	■	■	■	■	■	■	■	■	■	■	2331752
	Recirculation hose DN6-PN310-G¼"-PA	■	■	■	■	■	■	■	■	■	■	■	■	2329046
	Circulation hose DN6-PN310-G¼"-1.8	■	■	■	■	■	■	■	■	■	■	■	■	2331017
	Circulation hose DN6-PN310-G¼"-2.8	■	■	■	■	■	■	■	■	■	■	■	■	2331014

ACCESSORIES

Description		Compatibility											
		EvoMotion 20-30	EvoMotion 40-15	Wildcat 10-70	Puma 15-70	Puma 15-150	Wildcat 18-40	Leopard 18-300	Puma 21-110	Puma 28-40	Leopard 35-70	Leopard 35-150	Jaguar 38-300	
Air Supply														
	AirCoat regulator cpl.			■	■	■	■	■	■	■	■	■	■	2328611
	AirCoat filter regulator cpl.			■	■	■	■	■	■	■	■	■	■	2333478
	Set AirCoat regulator	■	■											T6145.00A
	AirCoat air shut-off valve	■	■	■	■	■	■	■	■	■	■	■	■	2338515
	Lockable air supply mini			■	■	■	■		■	■				2334956
	Lockable air supply midi							■			■	■		2334957
	Lockable air supply maxi												■	2334958
	Air-supply hose connector ½"			■	■	■	■	■	■	■	■	■		9985619
	Air-supply hose connector 1"												■	9985671
	Quickcoupling adaptor DN 13			■	■	■	■	■	■	■	■	■		9998813
	Quickcoupling adaptor DN 13 cpl.			■	■	■	■	■	■	■	■	■		322916
Material Hoses														
AirCoat double hoses														
	AC-hose DN3 - 3,0m	■	■	■	■		■			■	■			2322656
	AC-hose DN3 - 7,5m	■	■	■	■		■			■	■			2309705
	AC-hose DN3 - 10m	■	■	■	■		■			■	■			9984596
	AC-hose DN4 - 7,5m	■	■	■	■	■	■	■	■	■	■	■	■	2309706
	AC-hose DN4 - 10m	■	■	■	■	■	■	■	■	■	■	■	■	2312801
	AC-hose DN4 - 15m			■	■	■	■	■	■	■	■	■	■	2309634
	AC-hose DN4 - 20m			■	■	■		■	■	■	■	■	■	2309635
Airless single hoses														
	HP-hose DN3 - 3,0m	■	■	■	■		■		■	■	■			2323142
	HP-hose DN3 - 7,5m	■	■	■	■		■		■	■	■			9984583
	HP-hose DN4 - 7,5m	■	■	■	■	■	■	■	■	■	■	■	■	9984573
	HP-hose DN4 - 10m	■	■	■	■	■	■	■	■	■	■	■	■	2302374
	HP-hose DN6 - 10m	■	■	■	■	■	■	■	■	■	■	■	■	9984418
	HP-hose DN10 - 15m				■	■		■	■		■	■	■	9984506
	connection fitting				■	■		■	■		■	■	■	367561
	HP-hose DN6-1,5m /fitting				■	■		■	■		■	■	■	9987117
Material fittings														
	Fitting RF-FM G¼" - NPS ¼"-PN530-SSt													2332619
	Fitting RF-FM G⅜" - NPS ⅜"-PN530-SSt													2332620
	Fitting RF-FM G⅜" - NPS ¼"-PN530-SSt													2332621

For AirCoat and Airless guns see the related brochures and catalogues

Spraypacks for finishing - Ordering Information

SPRAYPACKS

Description	Art.-No.															
Spraypack Finishing	2333720-															
Pump																
Pistonp. EvoMotion 40-15		1														
Pistonp. EvoMotion 20-30		2														
Pistonp. Wildcat 18-40		3														
Pistonp. Wildcat 10-70		4														
Pistonp. Puma 28-40		5														
Pistonp. Puma 21-110		6														
Pistonp. Puma 15-70		7														
Pistonp. Puma 15-150		8														
Pistonp. Leopard 35-70		9														
Pistonp. Leopard 35-150		10														
Pistonp. Leopard 18-300		11														
Pistonp. Jaguar 38-300		12														
Packings																
PE/TG standard			1													
PE/T e.g. for catalysts			2													
Mounting Hardware																
wall mount bracket				1												
4-leg stand				2												
trolley				3												
trolley 4-wheel				4												
heavy duty trolley air tyres				5												
Suction System																
Rigid pipe DN 16					1											
Rigid pipe DN 25					2											
Suction hose DN 16					3											
Suction hose DN 25					4											
Hopper set 5L					5											
Suction system for 30L hobbock, DN25 hose EPDM					6											
Suction system for 30-L hobbock, DN16 hose PE					7											
Suction system for 200-L drum, DN 25 hose EPDM					8											
Suction system for 200-L drum, DN 16 hose PE					9											
Pump out let and HP-Filters																
Release combination SSt						1										
Release combination CS						2										
Release combination SSt incl. cage filter, standard						3										
Release combination SSt with cage filter, toolfree						4										
HP-Filter with release valve						5										
HP-Filter with SSt-ball valve						6										
Circulation																
w/o circulation hose							1									
Flush-pipe DN6							2									
Circulation hose DN6							3									
Circulation hose DN6 - 1.8 m							4									
Circulation hose DN6 - 2.8 m							5									
Atomization air regulator																
w/o AirCoat regulator								1								
AirCoat air regulator								2								
AirCoat air filter-regulator								3								
Gun																
no gun									1							
GM 4700 AC with LV red AirCap									2							
GM 4700 AC with HV blue AirCap									3							
GM 4100 AC with LV red AirCap									4							
GM 4100 AC with HV blue AirCap									5							
AG 14 AL									6							
G 15 AL									7							
Nozzle																
w/o Nozzle										1						
AirCoat ACF 3000										2						
AirCoat ACF 3000plus pre-atomizer										3						
Standard Tip Airless										4						
Airless Standard Tip, pre-atomizer										5						
Airless Wagner Tip										6						
Airless Wagner ProfiTip HD										7						
Nozzle size																
w/o nozzle											0	0	0			
Nozzle size (spray angle , nozzle dia.)											4	1	3			
Material hose																
w/o material hose														1		
DN3 - 3,0 m														2		
DN3 - 7.5m														3		
DN3 - 10 m														4		
DN4 - 7,5 m														5		
DN4 - 10 m														6		
DN4 - 15 m														7		
DN4 - 20 m														8		
DN 6 - 10 m														9		
Air Coupling																
8 mm airhose connection															1	
G 1/2" Female															2	
G 1" Female															3	
Hose-Fitting DN 12 - G1/2"															4	
Hose-Fitting DN 25 - G1"															5	
Quickcoupling adaptor															6	
Quickcoupling complete for Hose DN12															7	