

**WAGNER**



# HEAVYCOAT Piston pump

**BE UNSTOPPABLE!**

[go.wagner-group.com/contractor](http://go.wagner-group.com/contractor)

## HYDRAULIC PISTON PUMP

### Even more suction and delivery power - with denser materials

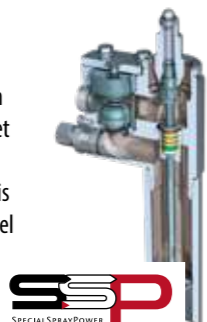
Do you mostly work with particularly high-viscosity or very dense materials? Then a WAGNER piston pump is the perfect, reliable site companion for you. The exceptionally high suction and transport power is produced by the piston's stroke movement. This is amplified even further by the hydraulic drive and is particularly ideal for this type of material.

#### Various performance classes for every professional:

the especially reliable hydraulic pump technology from WAGNER is most suited to large construction sites, with a broad spectrum of applications from building protection and emulsion through to especially high-viscosity and very dense materials for use inside and out.

#### 1. WITH EVEN MORE POWER ON THE CONSTRUCTION SITE:

The patented SSP (Special Spray Power) system from WAGNER is a technology that is unique on the market for the application of high viscosity materials. The special design of the system ensures that the pump is continually filled with sufficient material by the shovel piston. SSP is available for all HeavyCoat models.



Additional power "Special-Spray-Power" for high viscosity materials

#### A powerful companion - inside and out:

WAGNER piston pumps are available with three different drive systems. Electric piston pumps cover a wide range of performance classes and have a compact design. The hydraulic piston pumps offer even better performance and are available with a choice of either petrol or electric motors which can be switched in a few minutes. Pneumatically driven piston pumps from WAGNER are explosion-proof and therefore are suitable for use in workshops.

#### 2. NO CONTINUOUS RUNNING:

Piston pumps only operate when you have to build up pressure. The rest of the time, the drive is on 'standby'. This protects wear parts and has a positive impact on site noise levels.



## CROSS-SECTION OF THE PISTON



Hydraulic

upper packing

outlet-valve

lower packing

inlet-valve

## ADVANTAGES

- Better delivery capacity with extreme high viscosity materials
- Less sensitive to heavily filled materials
- High material pressure / material volume allow long hose lengths
- Large nozzle sizes can be used
- Extra-durable packing
- Powerful suction
- Für zusätzliche Leistung umrüstbar auf SSP

## HEAVYCOAT 750 SPRAYPACK

### Compact power pack for heavy material



- **Long service and reliability:** thanks to Hydra-stroke technology, the operating temperature is significantly reduced, thereby increasing the service life.
- **New hydraulic design:** inspired by mining and aviation for the toughest demands in terms of the piston pump's working and delivery performance.
- **Powerful:** constant performance for the application of



heavy, filled and high-viscosity materials such as bitumen and textured plaster over large areas.

- **Superb performance and perfect surface results:** even with long hoses.
- **Maximum user-friendliness:** thanks to simple operation.

**High pressure filter:** for high reliability and minimal downtime

**It is a quick and easy task:** to depressurise the unit

**Hydrastroke technology:** the operating temperature is reduced by up to 14 °C in comparison to previous hydraulic systems

**Bucket holder:** easy transport of the material bucket

**Ease of maintenance:** Pump and motor are easily accessible and the lower pump can be removed by loosening just 4 screws. This makes the HC 750 particularly maintenance-friendly

**Ideal cooling:** The robust design of the housing cover with integrated ventilation slots conducts air over all device components that convey hydraulic fluid



**Quality spraying:** with the high-performance gun in combination with the 2SpeedTip nozzle for fillers, it is possible to handle even high-viscosity materials without difficulty

**Available as an electrically driven or petrol-driven model:** The basic model without SSP is also available with a petrol motor. This means that it can also be used on construction sites without an electrical connection

**Large pneumatic tyres:** mean that the unit is easy and comfortable to transport, even on difficult terrain

**Low valve or optionally selectable SSP shovel piston:** enable processing of extremely high-viscosity materials

≤ 0.043"; 6 l/min (E) / 7,6 l/min (G)

#### HEAVYCOAT 750 E SPRAYPACK - DPHC 2371027

Basic unit, HC 750 E	-
HP hose DN13, max. 25 MPa, 3/8", NPSM 1/2", 15 m	2336585
Hose whip DN10, max. 25 MPa, NPSM 3/8", 2.5 m	2336582
Connector 3/8" x 1/2"	814-005
Airless gun AG 14, G-thread 1/4", incl. TradeTip 3 nozzle holder	0502081A
2SpeedTip, S10, 235/527	271049
Übergangsstutzen I = 1/4"NPSM x A = 3/8"NPSM; 27 MPa	179732

#### HEAVYCOAT 750 E SPRAYPACK - DPHC 2371027

#### HEAVYCOAT 750 G SPRAYPACK - DPHC 2371029

≤ 0.043"; 6 l/min (E) / 7,6 l/min (G)

#### HEAVYCOAT 750 E SSP SPRAYPACK

Basic unit; HeavyCoat 750 E SSP	-
HP hose DN13, max. 25 MPa, 3/8", NPSM 1/2", 15 m	2336585
Hose whip DN10, max. 25 MPa, NPSM 3/8", 2.5 m	2336582
Connector 3/8" x 1/2"	814-005
Airless gun AG 19, 25 MPa, G-thread 3/8", incl. TradeTip 3 nozzle holder	2341127
2SpeedTip, S10, 235 / 527	271049

#### HEAVYCOAT 750 E SSP SPRAYPACK - DPHC 2371028

# HEAVYCOAT 950 SPRAYPACK



## Power pack for the heaviest material

- **Versatile in use:** Thanks to high delivery capacity.
- **Powerful but light:** Compact for ease of transport.
- **Innovative HeavyCoat product features:** fast container changeovers, easy to clean and transport thanks to the swivelling SwingCart pump unit
- **SSP version:** with shovel piston for extra performance with high viscosity materials.



**Quality spraying:** with the high-performance gun AG 14. When used in combination with the 2SpeedTip nozzle for fillers, it is possible to handle even high-viscosity materials without difficulty

**Swing-Cart:** makes it possible to swing up the pump. Practical when working from a bucket or a container but also for transport

**Tidied up:** With the integral support hoses up to a length of 60 m can be practically stowed away

**High pressure filter:** for high reliability and minimal downtime

**Convenience:** The adjustable height telescopic handle makes for convenient transport on the building site or in the in a vehicle

**In a single action:** the unit can be safely depressurised and quickly cleaned

**HeavyCoat special hose:** with a 3/8", 1/2" or 3/4" cross section for a better spraying performance

**You have the choice:** with or without SSP shovel piston for processing of very high-viscosity materials



**T** ≤ 0.052"; **W** 6.6 l/min (E) / 8 l/min (G)

### HEAVYCOAT 950 SPRAYPACK - DPHC

Basic unit, HC 950 E	-
HP hose DN10, max. 25 MPa, NPSM 3/8", 15 m	2336583
Coupling sleeve I = 1/4"NPSM x A = 3/8"NPSM, 27 MPa	179732
Airless gun AG 14, G-thread 1/4", incl. TradeTip 3 nozzle holder	0502081A
2SpeedTip, D40, 117/427	271048

**HEAVYCOAT 950 E SPRAYPACK - DPHC** 2332184

**HEAVYCOAT 950 G SPRAYPACK - DPHC** 2332186

**T** ≤ 0.052"; **W** 6.6 l/min (E) / 8 l/min (G)

### HEAVYCOAT 950 E SSP SPRAYPACK

Basic unit; HeavyCoat 950 E SSP	-
HP hose DN13, max. 25 MPa, 3/8", NPSM 1/2", 15 m	2336585
Hose whip DN10, max. 25 MPa, NPSM 3/8", 2.5 m	2336582
Connector 3/8" x 1/2"	814-005
Airless gun AG 19, 25 MPa, G-thread 3/8", incl. TradeTip 3 nozzle holder	2341127
2SpeedTip, S20, 243 / 539	271050

**HEAVYCOAT 950 E SSP SPRAYPACK - DPHC** 2332187



# HEAVYCOAT 970 SPRAYPACK



## All-round Xtra speed for XL projects

- **WAGNERs most powerful hydraulic piston pump**
- **The perfect choice:** For large areas and intensive usage
- **Maximised capacity:** With a delivery volume of 10-12 l/min
- **Innovative HeavyCoat product features:** with a choice of either a petrol or electric motor which can be interchanged in a few minutes – or optionally even more



- power with SSP
- **Fast container changeovers, easy to clean and transport:** thanks to the swivelling SwingCart pump unit
- **SSP version:** with shovel piston for extra performance with high viscosity materials.

**Quality spraying:** in the high performance range too – with the AG 19 professional gun from WAGNER. In combination with the 2SpeedTip nozzle system even high viscosity materials can be sprayed without problems

**Swing-Cart:** makes it possible to swing up the pump. Practical when working from a bucket or a container but also for transport

**Tidy:** with the integral support hoses up to a length of 60 m can be practically stowed away

**High pressure filter:** for high reliability and minimal downtime

**Convenience:** The adjustable height telescopic handle makes for convenient transport on the building site or in the vehicle

**With a choice of electric drive or independent of mains electricity with the Honda petrol engine:** The units can be converted from electric to petrol drive (or vice versa). This makes them able to be used on building sites with no power supply. Both motors are extremely reliable and longlasting



**T** ≤ 0.056"; **W** 10,3 l/min (E) / 12 l/min (G)

### HEAVYCOAT 970 SPRAYPACK - DPHC

Basic unit, HC 970 E / 970 G	-
HP hose DN13, max. 25 MPa, 3/8", NPSM 1/2", 15 m	2336585
Hose whip DN10, max. 25 MPa, NPSM 3/8", 2.5 m	2336582
Connector 3/8" x 1/2"	814-005
Coupling sleeve I = 1/4"NPSM x A = 3/8"NPSM, 27 MPa	179732
Airless gun AG 14, G-thread 1/4", incl. TradeTip 3 nozzle holder	0502081A
2SpeedTip, S20, 243/539	271050

**HEAVYCOAT 970 E SPRAYPACK - DPHC** 2332191

**HEAVYCOAT 970 G SPRAYPACK - DPHC** 2332192

**T** ≤ 0.056"; **W** 10,3 l/min (E) / 12 l/min (G)

### HEAVYCOAT 970 E SSP SPRAYPACK

Basic unit; HeavyCoat 970 E SSP	-
HP hose DN13, max. 25 MPa, 3/8", NPSM 1/2", 15 m	2336585
Hose whip DN10, max. 25 MPa, NPSM 3/8", 2.5 m	2336582
Connector 3/8" x 1/2"	814-005
Airless gun AG 19, 25 MPa, G-thread 3/8", incl. TradeTip 3 nozzle holder	2341127
2SpeedTip, S20, 243 / 539	271050

**HEAVYCOAT 970 E SSP SPRAYPACK - DPHC** 2332193



	HEAVYCOAT 750 E / E SSP	HEAVYCOAT 750 G	HEAVYCOAT 950 E / E SSP	HEAVYCOAT 950 G	HEAVYCOAT 970 E / E SSP
Product image (may differ)					
Spraying method					
Technology					
Drive					
Voltage	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	400 V / 50 Hz
Motor output	3.1 kW	4.1 kW	3.6 kW	4.1 kW	5.5 kW
Max. operating pressure	250 bar, 25 MPa	250 bar, 25 MPa	250 bar, 25 MPa	250 bar, 25 MPa	250 bar, 25 MPa
Max. delivery rate	6 l/min	7.6 l/min	6.6 l/min	8 l/min	10,3 l/min
Max. nozzle size	0.043"	0.041"	0.052"	0.052"	0.056"
Recommended max. hose length	100 m	100 m	100 m	100 m	100 m
Max. viscosity	50.000 mPas	65.000 mPas	50.000 mPas	50.000 mPas	65.000 mPas
Weight	85 kg	81 kg	83 kg	76 kg	100 kg
Art. No.	2371027 / 2371028	2371029	2332184 / 2332187	2332186	2332191 / 2332193
Categorie	DPHC	DPHC	DPHC	DPHC	DPHC
Material					
Recommended intensity					

	HEAVYCOAT 970 G / G SSP	PLASTCOAT HP 30
Product image (may differ)		
Spraying method		
Technology		
Drive		
Voltage	400 V / 50 Hz	230 V / 50 Hz
Motor output	6 kW	2.3 kW
Max. operating pressure	250 bar, 25 MPa	120 bar, 12 MPa
Max. delivery rate	12 l/min	> 10 kg/min
Max. nozzle size	0.056"	0.055"
Recommended max. hose length	100 m	22,5 m
Max. viscosity	65.000 mPas	-
Weight	88 kg	72 kg
Art. No.	2332192 / 2332194	2388301
Categorie	DPHC	DPPC
Material		
Recommended intensity		

Water and solvent-based lacquers, lacquer paints, oils, separating agents

Synthetic resin varnishes, PVC lacquers, 2K lacquers

Primers, fillers

Fire protection, rust protection paints

Emulsion and latex paints, adhesives, sealants

Exterior paints, roof coatings, floor coatings, textured paint

Structural waterproofing, bituminous coatings

Filler

Plaster

Residential

Large residential

Commercial

# NOZZLES

## The heart of the spraying process

Across all technologies – Airless, AirCoat, plaster spraying with worm pumps, HVLP or XVL – nozzles and air caps play a decisive role in surface quality. In addition to the actual pump, they are the true heart of the spraying process. This is where the material is atomised and where the fineness of the droplet formation in the spray pattern is determined. The nozzle size also determines the quantity of material forced through the bore. Top-quality nozzles are a prerequisite for premium surface finishes in line with your professional standards.



### AIRLESS TRADETIP 3 NOZZLES – PERFECT AND DURABLE

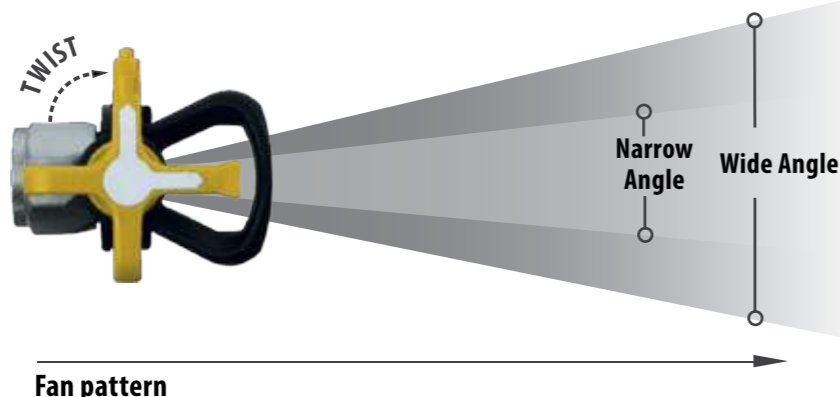
Art. no. 553xxx The yellow standard nozzle covers a wide spectrum of applications using primers, enamels and lacquers.

Jet width (mm)*	Orifice size (inch)																											
	0,007	0,009	0,011	0,013	0,015	0,017	0,019	0,021	0,023	0,025	0,027	0,029	0,031	0,033	0,035	0,039	0,043	0,045	0,051	0,052	0,055	0,061	0,063	0,065	0,067			
100	107	109	111	113	115	117																						
120	207	209	211	213	215	217	219	221	223	225	227	229	231	233	235		243			252		261	263		267			
150	307	309	311	313	315	317	319	321	323	325	327	329	331	333	335													
190	407	409	411	413	415	417	419	421	423	425	427	429	431	433	435	439	443	445	451		455	461	463		467			
225		509	511	513	515	517	519	521	523	525	527	529	531	533	535	539	543	545	551		555	561		565				
270		609	611	613	615	617	619	621	623	625	627	629	631	633	635	639	643		651		655	661		665				
300					715	717	719	721	723	725			731		735													
330			813	815	817	819	821	823	825	827			831															
385						919																						
Flow rate (l/min)**	0,19	0,34	0,45	0,68	0,91	1,17	1,47	1,78	2,15	2,53	2,95	3,44	3,89	4,42	4,99	6,20	7,52	8,24	10,58									
Filter	red				yellow			white										green										



Art. no. 271xxx

### AIRLESS 2SPEEDTIP NOZZLES – TWO NOZZLES IN ONE



# ACCESSORIES – AIRLESS

### AIRLESS GUN VECTOR INFINITY

Vector Infinity with G-thread 1/4", incl. TradeTip 3 nozzle holder, 34.5 MPa (345 bar) with 2-finger trigger and adaptable hand grip 0538085

Small grip, for customization to any hand, for Vector Infinity 0538264

Medium grip, for customization to any hand, for Vector Infinity 0538265

Large grip, for customization to any hand, for Vector Infinity 0538266



Vector Infinity is the PREMIUM gun



Vector Grip fits perfectly in the hand and is suitable for heated applications

### AIRLESS PISTOLE VECTOR GRIP

Vector Grip with G-thread 1/4", incl. TradeTip 3 nozzle holder, 25 MPa (250 bar) with 2- and 4-finger trigger and medium-sized grip 0538043

Small grip, for customization to any hand, for Vector Grip 0538228

Medium grip, for customization to any hand, for Vector Grip 0538229

Large grip, for customization to any hand, for Vector Grip 0538230

### FILLER AIRLESS GUN AG 19 WITH 4-FINGER TRIGGER

AG 19 with G-thread 3/8", 25 MPa (250 bar) 2341127

### HIGH-PRESSURE AIRLESS GUN AG 19 WITH 4-FINGER TRIGGER

AG 19 with G-thread 1/4", 53 MPa (530 bar) 2343778



25 MPa (250 bar)

53 MPa (530 bar)

AG 19 is particularly suitable for highly viscous materials

### HOSES AND CONNECTORS

HP hose DN10, max. 25 MPa, NPSM 3/8", 15 m	2336583
HP hose DN13, max. 25 MPa, NPSM 1/2", 15 m	2336585
Hose antenna DN10, max. 25 MPa, NPSM 3/8", 2.5 m	2336582
Coupling sleeve I = 1/4"NPSM x A = 3/8"NPSM; 27 MPa	0179732
Double connector A = 1/2" x 3/8" (hose reducer)	3203026
Double connector A = 3/8" x 3/8" (hose connector)	0256343
Double connector A = 1/2" x 1/2" (hose connector)	3202901
Double connector A = 3/4" x 3/4" (hose connector)	9985781



Robust high-pressure hoses for airless applications

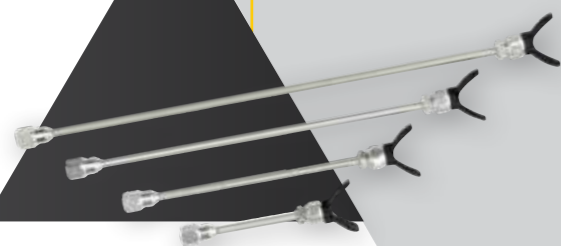
### SUCTION SYSTEMS

Container suction system, incl. C-coupling adaptor	0349907
Reduction adaptor B- to C-coupling	9991651
Blanking plug for C coupling	0097305
Container Connector, for HeavyCoat, for direct suction of the material out of the large volume container	2383128
Large volume container, incl. sack support and roller press	2309960

Large-volume container with container connector - for uninterrupted working



Nozzle extension - for more comfortable working and a wider reach



### NOZZLE EXTENSIONS

Nozzle extension, 15 cm, G-thread	0556074
Nozzle extension, 30 cm, G-thread	0556075
Nozzle extension, 45 cm, G-thread	0556076
Nozzle extension, 60 cm, G-thread	0556077

### CLEANING AND STORAGE

TipClean, container incl. special cleaner; 200 ml	2400214
EasyClean Cleaning and corrosion protection 1 L	2412656
EasyGlide, special oil, 118 ml	508619



TipClean - easy cleaning and storage of your airless nozzles

## SPRAYGUIDES



More SprayGuides:  
go.wagner-group.com/sprayguide

## MACHINE & MATERIAL PERFECTLY MATCHED

The extensive WAGNER SprayGuide offers you test reports from well-known material manufacturers for use with WAGNER spray machines.

Visit [sprayguide.wagner-group.com](http://sprayguide.wagner-group.com) to find out how to set up your machine to match the material you are using, and which paints and lacquers can be sprayed most effectively with WAGNER technology.

- ➔ Search by material type
- ➔ Search by material manufacturer
- ➔ Search by WAGNER machine and systems

# INNOVATION SINCE 1947

Perfect surfaces and added value are our passion. Bringing colour, protection and function to surfaces is our mission. We dedicate all of our technical expertise to your objects and products, and support you with personal service. Using innovative technologies and highly efficient, reliable and user-friendly solutions, we are constantly setting new standards in surface technology.



Anyone purchasing a WAGNER paint spraying unit automatically receives a three-year manufacturer's warranty. But we can do more: If you register online, you can extend this warranty for a further two years, free of charge!

[go.wagner-group.com/3plus2](http://go.wagner-group.com/3plus2)

# BE UNSTOPPABLE!

VISIT US AT

