



FACADES AND INTERIOR WALLS -

LARGE CONSTRUCTION SITES



FACADES AND INTERIOR WALLS

Equipment for large construction sites and new-build

- Facade design and interior wall coating with emulsion and latex paints
- In infrastructural constructions such as airports and underground and multi-storey car parks
- In buildings in public areas such as schools and company sites.

Facades and interior walls

A uniform finish is essential in order to create attractive interior wall and facade areas in large construction sites and new-build projects. Economic efficiency plays an important role in achieving this quality criterion because efficient working methods save time and cut costs. Nowadays, operations in the large-scale construction and new-build sectors would be inconceivable without modern equipment technology. Because it has long since become clear that the machine application of interior wall and facade paints makes both things possible: the creation of high-quality surface finishes at a cost that offers excellent value-for-money.

Since the advantages of equipment-based coat application can be put to profitable use even over smaller surfaces, their use on larger areas is nowadays almost obligatory – in particular with regard to the physical strain involved in such work, which has been greatly reduced thanks to modern spray technology.

WAGNER's sophisticated site logistics are another major plus: Intelligent solutions such as extra-long hoses, pole guns specially designed for large area activities, as well as connectors for direct intake from the barrel or container vastly simplify site operations.

Airless equipment from WAGNER

WAGNER supplies the painting trade with economic solutions for high quality interior walls and facade areas on large construction sites and new-build projects. Some of our top quality products are true specialists, whereas others are suitable for practically any job – depending on what your requirements are and what equipment you choose. One particularly suitable method is the airless process in which an electric, pneumatic or petrol-driven pump pressurises the material and forces a defined quantity of material through a nozzle bore at up to 25 MPa. During this process, the material is diffused into a finely atomised spray jet. There are many good reasons for using equipment from WAGNER. Besides their versatility, they offer greater ease of use, reliability and economic efficiency.

The manufacturer's standard three-year warranty on any professional unit can be extended to five years by registering the equipment online. Quickly and easily at

www.wagner-group.com/professional-guarantee



Infrastructural constructions such as airports and underground and multi-storey car parks

When you want to be sure the job will be finished on time, WAGNER spray technology is a reliable partner.

In buildings in public areas such as schools and company sites.

Modern equipment technology is essential at large construction sites. It guarantees high quality surface finishes as well as an efficient, fatigue free working day.



Facade design and interior wall coating with emulsion and latex paints

Uniform appearance and top-quality finish – with equipment technology, indoor and outdoor surfaces get a completely new look in the blink of an eye.



High material usage

As a leading manufacturer of units and systems for surface coating applications, WAGNER supplies a wide range of equipment for the coating of interior and exterior surfaces on large construction sites and in new-build projects. In these applications, the size of the object for coating and the material to be handled are both important factors. For this segment, WAGNER provides units for everyday use and for high surface coverage.

Material	Object size	SuperFinish 27	SuperFinish 31	ProSpray 3.31	ProSpray 3.34	ProSpray 3.39	HeavyCoat 950 E/G
Emulsion and latex paints, facade paints	small	✓					
	medium	✓	✓	✓	✓	✓	✓
	large		✓	✓	✓	✓	✓
Fabric paints (interior use)	small	✓		✓			
	medium	✓	✓	✓	✓	✓	✓
	large		✓		✓	✓	✓

✓ = suitable

Different performance classes

Whether you want a powerful all-rounder, an emulsion specialist or a reliable performer: The WAGNER portfolio for large objects covers every requirement.

Technical data	SuperFinish 27	SuperFinish 31	ProSpray 3.31	ProSpray 3.34	ProSpray 3.39	HeavyCoat 950 E/G
Technology	Diaphragm pump	Diaphragm pump	Piston pump	Piston pump	Piston pump	Piston pump
Weight (kg)	40	43	43.5	47.6	50	83 / 76
Motor output (kW)	1.5	1.7	-	-	-	3.6 / 4.1
Drive	electric	electric	electric	electric	electric	electric
Voltage	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
Max. nozzle size (inches)	0.027	0.031	0.032	0.034	0.039	0.052
Max. operating pressure (A) = MPa; (B) = bar	(A) 25 (B) 250	(A) 25 (B) 250	(A) 22.1 (B) 221	(A) 22.1 (B) 221	(A) 22.1 (B) 221	(A) 25 (B) 250
Max. delivery rate (l/min)	3	3.5	3.8	4.5	5	6.6 / 8



The product portfolio for painters

Powerful, versatile, reliable: with WAGNER's products for large construction sites and new-build projects you can coat any surface and meet any challenge. You can choose between two pump technologies: diaphragm and piston pumps.

01



01 - SuperFinish 27 Spraypack - Versatile solution for almost any job up to 800 m²

Exceptionally durable: proven diaphragm technology with QLS

Flexible: small volume processing with hopper or material handling directly from the original container

Perfect for site work: robust trolley and large wheels make manoeuvring on the construction site a simple task

01 - Scope of delivery, Spraypack

- Basic unit; SF 27
- QuickClean suction system; for SF 27 / SF 31 / SF 1750 / F 500 / Cobra
- HP hose DN6; 27 MPa; NPSM 1/4"; 15 m
- Airless gun AG 08; F-thread 1/4"; including TradeTip 3 nozzle holder
- 2SpeedTip; D20; 115 / 421

Item no. 0341 051

02



02 - SuperFinish 31 Spraypack - Powerful all-rounder

Versatile and powerful: handles an extremely wide spectrum of materials

Flexible: small volume processing with hopper or material handling directly from the original container

No compromises: high performance ensures you're always on the safe side

02 - Scope of delivery, Spraypack

- Basic unit; SF 31
- QuickClean suction system; for SF 27 / SF 31 / SF 1750 / F 500 / Cobra
- HP hose DN6; 27 MPa; NPSM 1/4"; 15 m
- Airless gun AG 08; F-thread 1/4"; including TradeTip 3 nozzle holder
- 2SpeedTip; D20; 115 / 421

Item no. 0341 022



The piston pump range for painters



01 - ProSpray 3.31 Spraypack - The reliable unit for large-area emulsion work

No maintenance brushless motor

High coverage performance together with easy operation

Innovative ProSpray product features: control, information and monitoring directly at the device, tilting cart, integrated high-pressure filter, etc.

01 - Scope of delivery, Spraypack

- Basic unit; PS 3.31
- HP hose DN6; 27 MPa; NPSM 1/4"; 15 m
- Airless gun AG 08; F-thread 1/4";
incl. TradeTip 3 nozzle holder
- 2SpeedTip nozzle; D30; 115 / 423

Item no.: 2308 262



02 - ProSpray 3.34 Spraypack - High-tech solution for high-viscosity materials such as flame retardants and corrosion-proofing products

This high-performance piston pump is ideally suited for large building sites where it is also able to handle high-viscosity materials

For large construction sites: powerful and robust

Faster than ever: Quick-change fluid section for fast, simple servicing

Innovative ProSpray product features: control, information and monitoring directly at the device, tilting cart, integrated high-pressure filter, etc.

02 - Scope of delivery, Spraypack

- Basic unit; PS 3.34
- HP hose DN6; 27 MPa; NPSM 1/4"; 15 m
- Airless gun AG 08; F-thread 1/4";
incl. TradeTip 3 nozzle holder
- 2SpeedTip nozzle; D40; 117 / 427

Item no.: 2308 263



03

03 - ProSpray 3.39 Emulsion Spraypack - Powerful professional emulsion solution for large areas

More power: greater suction performance thanks to the low position of the inlet valve

Twice as fast in emulsion applications: option of working with two guns in parallel

Innovative ProSpray product features: tilting cart, paint changes without using tools, etc.

03 - Scope of delivery, Spraypack

- Basic unit; PS 3.39
- Double connector A = 1/4" NPS x 3/8" NPT
- Screw-in connector A = 3/8" NPT x A = 1/2" NPS
- HP hose DN6; 27 MPa; NPSM 1/4"; 15 m
- Airless gun AG 08; F-thread 1/4";
incl. TradeTip 3 nozzle holder
- 2SpeedTip nozzle; D40; 117 / 427

Item no.: 2351 261



04

04 - HeavyCoat 950 E/G Spraypack - Power pack for heavy materials

Versatile in use thanks to high delivery capacity

Powerful but light: compact dimensions for ease of transport

Innovative HeavyCoat product features: with a choice of either a petrol or electric motor which can be switched in a few minutes! Fast container changeovers, easy to clean and transport thanks to the swivelling Swing Cart pump unit etc.

04 - Scope of delivery, Spray- pack, electrically driven

- HC 950 E basic unit
- HP hose DN10; 25 MPa; NPSM 3/8"; 15 m
- Transition fitting I = 1/4" x A = 3/8"
- Airless gun AG 14; NPS 1/4";
incl. TradeTip 3 nozzle holder;
F-thread; 25 MPa
- 2SpeedTip nozzle D40 117/427

Item no.: 2332 184

Scope of delivery, Spraypack, petrol-driven (no ill.)

- HC 950 G basic unit
- HP hose DN10; 25 MPa; NPSM 3/8"; 15 m
- Transition fitting I = 1/4" x A = 3/8"
- Airless gun AG 14; NPS 1/4";
incl. TradeTip 3 nozzle holder;
F-thread; 25 MPa
- 2SpeedTip nozzle D40 117/427

Item no.: 2332 186

Our piston pumps in detail

No paint blockages

The high-pressure filter can be accessed and cleaned quickly and easily. Three different filter pads (fine, medium, coarse) are available to meet the precise demands of the material.

Digi-Trac-Control

The digital display makes it possible to read out and process machine data, consumption values, operating durations and much more information besides. Intelligent deadband control, SlowMotion function and Frequent-Clean guarantee trouble free operation and rapid cleaning.

Practical

Hose holder and gun mount.

Maintenance-free, brushless DC motor

For high operating efficiency at low and high speeds. The continuous monitoring of the paint pressure automatically regulates the motor speed and ensures constant material pressure.

Machine maintenance made easy

The piston can be lubricated at the touch of a button, thus avoiding packing wear.

Reduced maintenance costs

Self-adjusting packings reduce wear and are easy to change. They have an up to 50 % longer service life compared to current packings:

Tilting cart

For high-speed container changes. Wheels designed to cope with building site use ensure easy transport.



Comparison of diaphragm and piston pump technology

Diaphragm pump

The material is transported by means of a stroke movement in the diaphragm. Products featuring this technology are robust and yet easy to handle units for construction site use. Electrically driven diaphragm pumps can be used as both Airless and AirCoat Spraypacks.

At a glance: benefits and applications

Flexible material intake it is possible to use small amounts with a hopper or apply the material directly from the original container

Pressure can be continuously regulated from 0 to 25 MPa

Ease of maintenance

Very low wear

Low operating costs

WAGNER quality: Long stroke technology and extremely robust design

Piston pump

Piston pumps transport the material by means of a stroke movement in the piston. This creates high suction performance, making them ideal for highly viscous materials. Our hydraulic piston pumps offer even greater performance and can also be operated with petrol.

At a glance: benefits and applications

Perfect for high-viscosity materials

Optimal suction performance

High delivery volumes, including with high-viscosity materials

High material pressure: long hose lengths possible

Use of large nozzles possible

WAGNER quality: Extra durable packings

In brief: Airless spray technology



Unlike the case of air atomisation, airless atomisation technology atomises the material using the pressure of the material alone, i.e. without the use of any air.

An electric, pneumatic or petrol-driven pump pressurises the material and forces a defined quantity of material through a nozzle bore at up to 25 MPa. During this process, the material is diffused into a finely atomised spray jet.

Although airless technology is particularly suitable for the application of emulsions, this spray process is also often used for painting jobs on building sites.

Summary of available emulsion nozzles

(A) 2SpeedTip nozzles - emulsion



Application	Nozzle marking	Bore (inch/mm)	Spray angle (in °)	Jet width (in mm ¹)	Gun filter ²	Item no.
Emulsion	D05 111/415	0.011 – 0.015 / 0.28 – 0.38	10 – 40	100 – 190	white	271062
	D07 113/417	0.013 – 0.017 / 0.33 – 0.43	10 – 40	100 – 190	white	271063
	D10 111/419	0.010 – 0.019 / 0.25 – 0.48	10 – 40	100 – 190	white	271045
	D20 115/ 421	0.015 – 0.021 / 0.38 – 0.53	10 – 40	100 – 190	white	271046
	D30 115/423	0.015 – 0.023 / 0.38 – 0.58	10 – 40	100 – 190	white	271047
	D40 117/427	0.017 – 0.027 / 0.43 – 0.69	10 – 40	100 – 190	white	271048

(B) TradeTip 3 nozzles - emulsion



Application	Nozzle marking	Bore (inch/mm)	Spray angle (in °)	Jet width (in mm ¹)	Gun filter ²	Item no.
Anti-corrosive paints, latex paints, emulsions	117	0.017 / 0.43	10	100	yellow	553117
	217	0.017 / 0.43	20	120	yellow	553217
	317	0.017 / 0.43	30	150	yellow	553317
	417	0.017 / 0.43	40	190	yellow	553417
	517	0.017 / 0.43	50	225	yellow	553517
	617	0.017 / 0.43	60	270	yellow	553617
	717	0.017 / 0.43	70	300	yellow	553717
	817	0.017 / 0.43	80	330	yellow	553817
	219	0.019 / 0.48	20	120	white	553219
	319	0.019 / 0.48	30	150	white	553319
	419	0.019 / 0.48	40	190	white	553419
	519	0.019 / 0.48	50	225	white	553519
	619	0.019 / 0.48	60	270	white	553619
	719	0.019 / 0.48	70	300	white	553719
	819	0.019 / 0.48	80	330	white	553819
	919	0.019 / 0.48	90	385	white	553919

(C) TwinTip nozzles



Application	Nozzle marking	Bore (inch/mm)	Spray angle (in °)	Jet width in (mm ¹)	Gun filter ²	Item no.
Trimming work (indoors)	M213	0.013 / 0.33	20	110	white	1009213
Trimming work (facades)	D215	0.021 / 0.53	20	100	white	1009215
Smooth surfaces (indoors)	D316	0.021 / 0.53	25	130	white	1009316
Rough surfaces (indoors), smooth surfaces (facades)	D317	0.023 / 0.59	25	130	white	1009317
Rough surfaces (facades)	D319	0.027 / 0.69	25	130	white	1009319

(D) Adjustable fan tip nozzles - emulsion



Application	Nozzle marking	Bore (inch/mm)	Jet width in mm ¹	Item no.
Enamels, emulsions	28	0.011 – 0.026 / 0.28 – 0.66	80 – 550	999054
Enamels, emulsions, anti-corrosive paints	41	0.017 – 0.035 / 0.43 – 0.88	100 – 600	999055
Coatings for large areas	49	0.021 – 0.054 / 0.53 – 1.37	100 – 400	999056

¹Jet width (mm) at a distance of approx. 30 cm from the object and at a pressure of 10 MPa, with synthetic resin varnish 20 DIN seconds.

²Red: 180 mesh, extra fine, yellow: 100 mesh, fine, white: 50 mesh, average, green: 30 mesh, coarse

Accessories for emulsion work

Airless guns

High-quality, durable products for everyday work	Item no.
AG 08; F-thread 1/4"; incl. TradeTip 3 nozzle holder	0296 388
AG 08; F-thread 1/4"; incl. TradeTip 3 nozzle holder and TradeTip 3 nozzle 419 (01)	0296 393
AG 14; F-thread 1/4"; incl. TradeTip 3 nozzle holder	0502 166
Pole gun 120 cm; 1/4" nozzle holder; F-thread 11/16" (02)	0296 443
Pole gun 120 cm; 1/4" nozzle holder; G-thread 7/8"	0296 441
Pole gun 200 cm; 1/4" nozzle holder; F-thread 11/16"	0296 444
Pole gun 200 cm; 1/4" nozzle holder; G-thread 7/8"	0296 442

Airless nozzles + holders

Available in many different sizes	Item no.
2SpeedTip nozzles (A)	0271 XXX
TradeTip 3 nozzles (B)	0553 XXX
TwinTip nozzles (C)	1009 XXX
Adjustable fan tip (D)	0999 05X
Nozzle holder; F-thread 11/16" (03)	0289 391
Nozzle holder; G-thread 7/8"	0289 390
Nozzle holder: for low overspray; specially designed for TwinTip nozzles	1006 001
Double seal set; 5 items	0556 037

You can find an overview of all our nozzles in the download area on www.wagner-group.com or in our nozzle brochure.

Airless nozzle extensions (without nozzle)

Always at the right distance from the work object	Item no.
ClearSpray valve; F-thread (04)	0521 012F
15 cm; F-thread; with holder	0556 051
30 cm; F-thread; with holder (05)	0556 052
45 cm; F-thread; with holder	0556 053
60 cm; F-thread; with holder	0556 054

All items also available with G-thread For more information, visit www.wagner-group.com

Airless hoses and hose whips

Robust high-pressure hoses for airless emulsion jobs	Item no.
HP hose DN6; max. 27 MPa; M16x1.5; 15 m (06)	9984 507
HP hose DN6; 27 MPa; M16x1.5; 30 m	9984 562
HP hose DN6; 27 MPa; NPSM 1/4"; 15 m	9984 574
HP hose DN6; 27 MPa; NPSM 1/4"; 30 m	9984 575
HP hose DN8; 25 MPa; NPSM 1/4"; 15 m	2303 074
HP hose DN10; 25 MPa; NPSM 3/8"; 15 m	2336 583
HP hose DN10; 25 MPa; NPSM 3/8"; 30 m	2336 584
HP hose whip DN6; max. 27 MPa; M16x1.5; 2.5 m (07)	9984 569
Hose reel HR30; M16x1.5 (08)	0341 910
Hose reel HR45; incl. 30 m HP hose DN6 (09)	0341 912

Gun filter insert (10)

Avoid nozzle blockages	Item no.
Gun filter insert yellow; 1 item; 100 MA; 0.14 mm MW; fine	0043 235
Gun filter insert yellow; 10 item; 100 MA; 0.14 mm MW; fine	0097 023
Gun filter insert white; 1 item; 50 MA; 0.31 mm MW; medium	0034 377
Gun filter insert white; 10 item; 50 MA; 0.31 mm MW; medium	0097 024
Gun filter insert green; 1 item; 30 MA; 0.56 mm MW; coarse	0089 323
Gun filter insert green; 10 item; 30 MA; 0.56 mm MW; coarse	0097 025

TempSpray

Optimum results with material heating	Item no.
TempSpray H 226; basic unit; 15 m	2311 660
TempSpray H 226; Spraypack; 15 m (11)	2311 853
TempSpray H 326; basic unit; 30 m (12)	2311 661
TempSpray H 326; Spraypack; 30 m	2311 854



Accessories for emulsion work

Suction systems

Ideal for intake directly from the original container	Item no.
Suction pipe; 2-C; for HeavyCoat (01)	0349 252
Suction pipe; for HeavyCoat (02)	0349 580
Suction hose; 2"; for HeavyCoat (03)	0342 205
Suction system for containers; C-coupling; curved connection; 1.4 m (04)	0097 082
Suction system for containers; with suction filter; 3.5 m	0097 083
Suction system for emulsion; DN 25 (05)	0034 630
Blind plug for C-coupling (06)	0097 305
Container suction system; incl- C-coupling adapter; for HeavyCoat (07)	0349 907
Inlet adapter; for PS 3.39 / PS 36 (08)	0524 252
Filter DN25; M28x1.5; 1.25 mm MW; for suction hose	0250 243
Filter for suction system; MA 10; PS 3.31 / PS 3.34 / PS 30 / PS 34	0349 602
Clamp; for rigid suction system; for PS 3.29 / PS 3.31 / PS 3.34 / PS 26 on cart / PS 30 / PS 34 on cart	0507 783
Metex fyke filter	0034 950
Reducing adapter B- to C-coupling; for HeavyCoat	9991 651
Return hose for rigid suction system; for PS 3.31 (PS 3.34 / PS 30 / PS 34 on cart)	0034 951

Large-volume containers

Fast handling for large volumes	Item no.
Large volume container; complete (09)	2309 956
Large volume container; incl. sack support and roller press (10)	2309 960
Large volume container; for HeavyCoat	2309 955
Adapter set for large volume container; for PS 3.39	2312 157
Adapter set for large volume container; for HC 950 / HC 970	2312 160
Press table incl. guide rail for roller (11)	2323 178

Cleaning/storage/preserving

Good condition at all times	Item no.
EasyClean cleaning and conservation agent; 1 litre	0508 281
EasyClean cleaning and conservation agent; 118 ml	0508 620
EasyGlide; special oil: 118 ml	0508 619
TipClean; container including special cleaner (12)	0097 108
TipClean Box; Container including special cleaner (24 items)	0097 109
TipClean refill bottle; 1 litre	0097 110
Mould release agent; 0.25 litre	9992 504

For more accessories, please contact your preferred dealer or consult our complete catalogue online at www.wagner-group.com/kompass.



You will be convinced by our professional quality. And that's a promise.

Turn a standard 3-year guarantee into a 5-year WAGNER professional guarantee! You won't find that anywhere else! Register online at www.wagner-group.com/professional-guarantee or scan the QR code with your mobile phone.



Pictures may differ from the original product.

At your WAGNER retailer: