

**WAGNER**

# Versatility

One pump – many possibilities

**NEW**



**SF 23** **PLUS**  
SUPERFINISH

# One pump...

The intake valve button ensures **high operational safety**. Just the press of a thumb, and the valve is free.



**Large variety of materials with QLS long-stroke technology:** The optimised hydraulics and special valve technology make it possible.

**Brushless motor:** Maintenance-free and total reliability because of its robust design

**Infinitely variable pressure regulation from 0 to 3600 PSI**

## Technical data

Electric motor	Max. conveying performance	Max. pressure
1.3 kW	2.6 l/min	3600 PSI / 25 MPa

# ...many features

Modular variants:

**Two-position carriage** for use with the top-mounted container or rigid suction system



**Extra safety - multifunction switch:** It is impossible to turn the unit on and off under pressure



Max. nozzle size	Weight on frame	Weight on carriage
0.023"	26 kg	29 kg

# Diaphragm technology

Why is a diaphragm pump the right pump for me? When it comes to **handling a wide variety of materials with a single unit**, diaphragm pumps are a better choice.

## Advantages:

### 1 Flexible use – simple handling

All diaphragm pumps can take material either horizontally from the hopper system or vertically from the original container.

### 2 Less overspray

Especially for painting work, low spraying pressures offer the advantage of a better spray pattern, less overspray and a more controlled application of paint. Diaphragm pumps permit the variable regulation of pressure from 0 to 3600 PSI. This means good atomisation is possible even at lower pressures (450 - 600 PSI). If you combine a diaphragm pump with a compressor (AirCoat process) or heated hose (TempSpray), overspray can be reduced even more.



At low pressure: even spray jet from the diaphragm pump (yellow) and somewhat more irregular spray jet from the piston pump (blue).

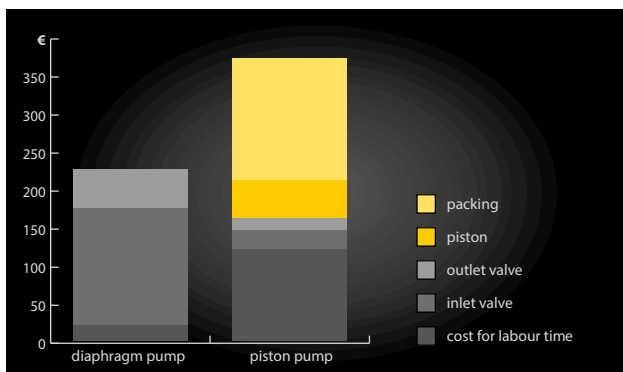
### 3 Fewer faults, tougher construction

The motor in diaphragm pumps is controlled merely using the on/off switch and capacitor, making it very straightforward. Most diaphragm pumps are also characterised by very robust construction. Moreover, they are extremely resistant to splash water and other environmental influences.

### 4 High profitability and low maintenance costs

The reduced stroke frequency of the QLS long-stroke technology means the components are exposed to little stress and work reliably in the long-term. This extends their service life, reduces wear and consequently cuts the maintenance costs. If a diaphragm pump ever causes problems on the construction

site, the defect can be repaired on the spot, cost-effectively and quickly. So the maintenance of a diaphragm pump is not only more cost-effective in terms of material, but is also less time-consuming. **Visit the WAGNER website for more information.**



## 5 Long-stroke technology from WAGNER

The patented QLS technology, with its optimised hydraulics and special valve technology, permits processing of a very wide range of materials. Diaphragm pumps display true versatility due to suitability for thin fluids to very highly viscous materials. Diaphragm pumps do not cause shear forces. This means high-quality special paints can always be sprayed in clean quality.



## 6 Easy to clean

Diaphragm pumps draw in about 0.035 litres of paint per stroke. The smaller volume means they can be flushed more quickly and with less cleaning agent than comparable piston pumps. Less paint is wasted. The pump and hopper system can be completely cleaned in only a few minutes.

# One pump – m

The powerful diaphragm pumps are robust and, at the same time, easy to use. Thanks to their QLS technology, they process a wide range of materials ranging from

Materials	Object size
Mould release agent and oils Recommended nozzle size: FineFinish 0.008" - 0.014"	up to 200 m <sup>2</sup>
	200 m <sup>2</sup> - 800 m <sup>2</sup>
Priming varnishes, primers, fillers, synthetic enamels, acrylic enamels Recommended nozzle size: FineFinish 0.008" - 0.014"	up to 200 m <sup>2</sup>
	200 m <sup>2</sup> - 800 m <sup>2</sup>
Emulsions, latex paints Recommended nozzle size: 0.017" - 0.023"	up to 200 m <sup>2</sup>
	200 m <sup>2</sup> - 800 m <sup>2</sup>

## Airless Emulsion



## Airless Enamel



# many materials

asily handled construction site and workshop units. Equipped with  
n enamels and emulsions through to highly viscous materials.

Model			
SF 23 Plus Emulsion	SF 23 Plus Enamel	SF 23 Plus TempSpray	SF 23 Plus AirCoat
	✓	✓	✓
	✓	✓	✓
	✓	✓	✓
	✓	✓	✓
✓			
✓			

✓ = suitable

## Airless TempSpray



## AirCoat Enamel



# Airless Emulsion

## Compact solution - light and yet robust

- Compact: Smallest in its class, mobile and light
- For small emulsion projects up to 800 m<sup>2</sup>
- Robust: Optimum for demanding construction site use
- PumpRunner: perfect for clean transport
- Can be used with 30 to 45 m hose length



### Spraypack

Base unit

Rigid suction system

HP hose DN6; 1/4"; 15 m

Airless gun AG08; incl. TradeTip 3  
nozzle holder

2SpeedTip nozzle D10 111/419

+ PumpRunner

Art. no. on frame: 2341 493

Art. no. on carriage: 2341 494





# Airless Enamel

## Expert for small painting jobs

- Entry-level unit for painting objects up to 800 m<sup>2</sup>
- Straightforward handling and simple operation: Multifunction switch for greater safety. It is impossible to turn the unit on and off under pressure.
- Greater performance: maintenance-free, brushless motor
- FineFinish painting with top-mounted container and the special FineFinish nozzle



### Spraypack

Base unit

Top-mount fittings 5 litres; M36x2  
HP hose DN3; 1/4"; 7.5 m

Airless gun AG08; 2-finger trigger;  
incl. TradeTip 3 nozzle holder  
2SpeedTip nozzle L10 208/510

Art. no. on frame: 2341 491

Art. no. on carriage: 2341 492



# Airless TempSpray

## Enamel specialist with heated hose

- Perfect surface results thanks to heated hose
- Also ideal for highly viscous materials such as VOC enamels
- The TempSpray system heats the material directly in the hose, thereby ensuring perfect viscosity without thinning, and optimum paint application



### Spraypack

Base unit

Top-mount fittings 5 litres; M36x2

TempSpray H126 base unit

Airless gun AG08 TS; incl. TradeTip  
2 nozzle holder

2SpeedTip nozzle L10 208/510

Art. no. on frame: 2341 495

Art. no. on carriage: 2341 496



# AirCoat Enamel

## Mobile complete solution for painting work

- With AirCoat technology: Particularly fine atomisation for a perfect finish
- Perfectly matched components: little overspray and high application efficiency
- Particularly easy handling
- The industry standard with the customary WAGNER quality



### Spraypack

Base unit

Top-mount fittings 5 litres; M36x2  
HP double hose: Material DN3; air  
DN6: 1/4"; 7.5 m

AirCoat gun AC 4600 Professional;  
incl. blue air cap, holder and nozzle  
ACF 3000 11/40

AirCoat regulator add-on set

Art. no. on frame: 2341 489

Art. no. on carriage: 2341 490



## Accessories

### Airless guns

0296 465	Airless gun AG08; 2-finger trigger; incl. TradeTip 3 nozzle holder
0296 388	Airless gun AG08; incl. TradeTip 3 nozzle holder
0528 318	Airless gun AG08 TS; incl. TradeTip 3 nozzle holder

### AirCoat guns

0394 156	AirCoat gun AC 4600 Professional; incl. blue air cap and holder
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### Nozzles

0271 xxx	2SpeedTip Airless nozzles
0379 xxx	AirCoat nozzles

### High-pressure hoses

9984 595	HP double hose: Material DN3; air DN6: 1/4"; 7.5 m
9984 583	HP hose DN3; 1/4"; 7.5 m
9984 574	HP hose DN6; 1/4"; 15 m

### Suction systems and top-mounted container

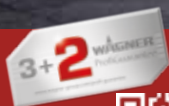
2342 879	Rigid suction system
0034 630	Flexible suction system
0341 265	Top-mount fittings 5 litres; M36x2
0341 268	Top-mount fittings 5 litres; with TopClean

### TempSpray

2311 659	TempSpray H126 base unit
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### Other accessories

0340 250	AirCoat regulator add-on set
0034 041	Transition fitting cpl.
0034 383	Filter insert red; 1 piece
0097 120	High-pressure filter
2343 481	Cleaning container cpl.
2306 987	PumpRunner



Everyone who buys a WAGNER paint sprayer always receives a three-year manufacturer's warranty. However, we can offer more: by registering online, you can extend the warranty by a further two years, free of charge!

[www.wagner-group.com/profi-guarantee](http://www.wagner-group.com/profi-guarantee)