

The unique WAGNER Cobra high-pressure double diaphragm pump is ideal for airless and AirCoat applications up to 250 bar and can be used for a wide range of materials.



Small design, big performance: Pulsation-free for up to 8 guns

Highly economical

The extremely small volume and high stroke frequency offer great savings potential:

- Less than half the amount of flushing agent required in contrast to a comparable piston pump
- Significant time savings during flushing
- Quick and easy color change
- Low maintenance costs due to low wear

Reliable without packing

Stable and durable diaphragms and the packing-free design of the fluid section ensure reliable results even under the most difficult working conditions. Cooling of the hydraulic system by the exhaust air from the air motor ensures uniform temperature and viscosity of the hydraulic oil.

Powerful performance, compact design

The Cobra manages with around 1/7 of the double stroke volume of a comparable piston pump with the same performance. It can be operated without restrictions at 200 DH/min working speed (a piston pump at max. 30 DH/min). This means that the volume of the fluid section can be reduced enormously with the same high delivery rate.

Low pulsation

Compared to normal piston or bellows pumps, the special technology of the double diaphragm pump combined with the small displacement ensures extremely low pulsation and an even material flow, resulting in a perfect spray pattern and high surface quality.

Frictionless and hermetically sealed

The material is not exposed to friction or heat. The Cobra is therefore also suitable for abrasive materials such as zinc-containing primers or white paints. Thanks to the hermetic seal, UV coatings and reactive hardeners can also be processed without any problems.

Unique Cobra technology

Minimum solvent consumption

Drastic reduction of solvent consumption during flushing due to small displacement and minimal dead space volume.

Proven technology

WAGNER IceBreaker air motor with automatic venting and soft-start function.

Diverse suction systems

Various hoppers and suction hoses are available.

Easy handling

With integrated relief valve and circulation.

Overhead mounting
For direct suction from the hopper with a straight suction pipe.

Images show optional accessories

Application areas

- Wood & furniture industry
- Carpentry & joinery
- Agricultural & construction machinery
- Metal industry
- Leather coating

Processable materials

- Water-based & solvent-based materials
- Hygroscopic materials
- Base coats & hardener
- Premixed 2K materials
- Shear sensitive materials
- Abrasive materials



Cobra

High-pressure double diaphragm pump

Model variants

Cobra 40-10

The Cobra 40-10 is ideally suited for the use of up to four guns (up to approx. 2 l/min) and for frequent color changes. It can be used for applications in the wood and furniture industry, in carpentry and joinery businesses as well as in the metal industry. The pump is also ideal for feeding basecoat or hardeners for 2K systems.



Images show optional accessories

Cobra 40-25

The Cobra 40-25 is designed for applications with up to eight guns or flow rates of up to 5 l/min. It is ideally suited for supplying automatic painting systems in the wood and metal industries, as well as in leather coating. Due to its design, the Cobra 40-25 is also excellently suited for conveying sensitive 2K materials.



Technical data

	Cobra 40-10	Cobra 40-25
Transmission ratio	40:1	40:1
Max. material pressure	250 bar	250 bar
Volume flow per double stroke	10 cm ³ /DS	25 cm ³ /DS
Max. stroke rate	200 DS/min	200 DS/min
Volume flow per 200 strokes	2 l/min	5 l/min
Material inlet	M36x2 - A	M36x2 - A
Material outlet	G 3/8" - A	G 3/8" - A
Air inlet pressure	2 - 6 bar	2 - 6 bar
Compressed air connection	G 1/2" - I	G 1/2" - I
Material temperature	10 - 80 °C	10 - 80 °C
Material pH value	3.5 - 9 pH	3.5 - 9 pH
Weight	19 kg	32 kg
Order number	2329519 2329521 (with frame)	2329523 2329525 (with frame)

Certifications





**High pressure, low pulsation: High-end results
with an economic system.**

go.wagner-group.com/cobra



Configure your individual solution:
With the WAGNER configurator on
<https://wagner365.com>



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