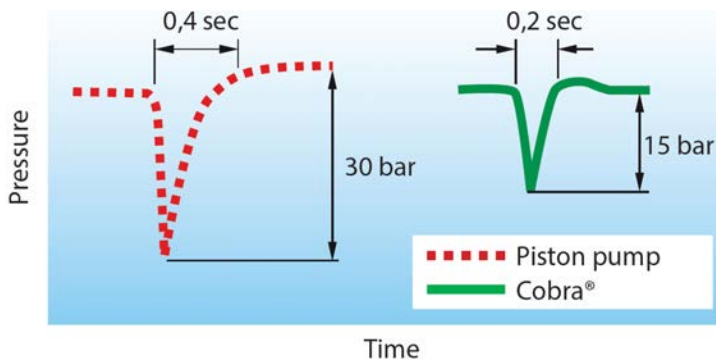


# High Pressure Diaphragm Pumps



Cobra® is a high-pressure double diaphragm pump suitable for Airless and AirCoat applications up to 250 bar/3,625 psi. Cobra® is the first high-pressure pneumatic pump without packings. The lack of contact between the material and the external atmosphere (the pump is completely sealed), the absence of friction in the fluid section and the minimum shear make it perfect for any kind of material including the most critical ones such as reactive paints (UV paints, isocyanates, acrylics) or highly abrasive materials. The pump works with extremely low pulsation and creates a uniform paint flow, achieving a perfect spray pattern and superb surface quality. With its minimized internal volumes, the pump is designed to greatly reduce solvent consumption and material waste during flushing and color-change operations.



## No Application Limits

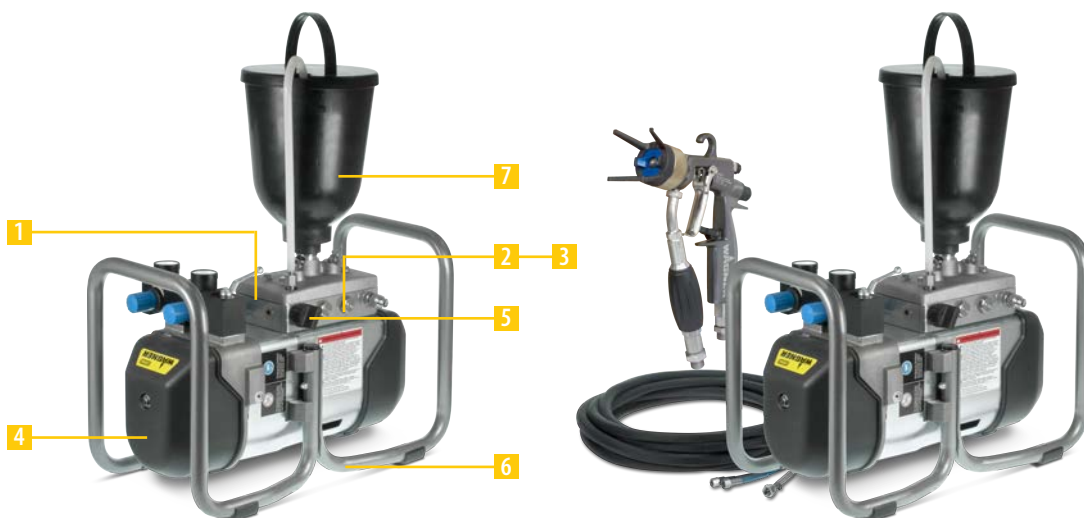
- Cobra® is friction free and can handle all critical materials.
- Minimized shearing effect.
- Reduced pulsation to ensure a consistent flow of material and a finer finish.
- Cobra® pumps have high speed operation and very small fluid chambers.



The fluid section minimizes material travel distance and lowers operating costs of the Cobra® to ensure enormous saving benefits!

- Reduced solvent consumption: up to 60% savings during flushing procedures.
- Less paint waste.
- Easy and fast color changes.
- Lower maintenance due to extremely low wear.

# High Pressure Diaphragm Pumps



## WAGNER Cobra® Innovative Technology

WAGNER Cobra® is the only high-pressure pneumatic diaphragm pump on the market. The pump was specifically designed to ensure the highest reliability and the best performance.

- 1** Small fluid section and easy-to-clean design.
- 2** High reliability and low maintenance costs: special long-life diaphragms and tungsten carbide inlet valves.
- 3** Better finishing results: very low pulsation for consistent fluid output.
- 4** No ice problems: proven WAGNER IceBreaker® air motor technology. Excellent reliability and minimal ice formation, even at the highest operating speeds.
- 5** Easy operation: integrated recycle valve.
- 6** Versatile: all Cobra® pumps can work in either a horizontal or vertical position.
- 7** A variety of suction systems can be mounted: hopper, flexible suction hose, rigid suction pipe.

Cobra® Technical Data		
	Cobra® 40:1	Cobra® 40:25
Pressure Ratio	40 : 1	40 : 1
Max. Fluid Pressure	250 bar/3,625 psi	25 cc/.85 fl. oz.
Volume per DS	10 cc/.34 fl. oz.	10 cc/.34 fl. oz.
Max. Pump Speed	200 DS/min	200 DS/min
Max. Flow Rate	2.0 l/min - 0.53 gal/min	5.0 l/min - 1.32 gal/min
Weight	19 kg/42 lb.	32 kg/70 lb.
Fluid Outlet	3/8" NPS	3/8" NPS

Cobra 2K Technical Data	
	Cobra 2K
Mixing Ratio	1 : 1
Pressure Ratio	40 : 1
Max. Fluid Pressure	250 bar
Max. Flow Rate	2.0 l/m

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