

P715

Piston Pump

PMES
PUMP- MISCH- FÖRDERSYSTEME GMBH



The compact trailer concrete pump P715 with S-valve system

The small, light and efficient double piston pump P715 for pumping of fine concrete, shotcrete and self leveling floor screed.

The P715 is a full hydraulically driven pump, perfect to feed from truck mixers with wet mixes up to 16mm grain size.

The P715 works with a maximum pumping pressure of 68bar. It is a low-wear and easy to maintain unit due to the S-valve system with its automatic sealing effect.



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► Fields of application

The double piston pump P715 is the perfect small pumping unit for wet mixes with up to 16mm grain size. Whether pouring, concreting, shotcreting, grouting, filling, pressure pointing or leveling, the P715 covers a huge variety of applications. Fed by truck mixers, dumpers or continuous mixers, the P715 pumps concrete, anhydride or cement based liquid screeds, mortars, grouts, etc. In combination with a site compressor (requested air performance approx. 4m³/min.) the P715 is an ideal and simple shotcrete unit.

► Function

The selectable Diesel engine or electric motor gives the power for the hydraulic system to drive the hydraulic cylinders, S-tube and the agitator inside the hopper. Two alternate working pistons suck the pumping media from the hopper, controlled by the swinging S-tube, and push it with up to 68bar working pressure into the delivery line. All functions can be set at the control panel of the P715 (even the strokes per minute, respectively the output) or with the cable remote control. Optional available is a radio remote control.

► Advantages

The P715 is a hydraulically driven double piston pump providing maximum performance on a small trailer, also available as a stationary version with mountings for fork-lift use, manufactured by Putzmeister Mörtelmaschinen GmbH. The S-valve system allows pump pressures up to 68bar and is even seal-proof for slurries and water. An agitator inside the hopper avoids segregation and feeds the pump cylinders. The top of the hopper, equipped with a rubber collar, is secured by a folding 30mm safety grid with fixed 12V vibrator for better material passing, as well as a safety shut-off for the agitator. Enjoy the easy cleaning access by the folding hopper attachment - also for service works - and a bottom flap to empty the hopper. The pumping rate is infinitely variable, manually adjustable at the control board. All main functions can also be controlled at the remote control device. The maximum pumping pressure can be set to 68bar or to 40bar when working with ordinary mortar hoses for maximum 40bar working pressure. Optional available: radio remote control, central lubrication system, high pressure cleaner, flushing pump, central lifting eye, hoses, pipes, ball hitch, etc.

► Technical data	P715TD	P715SD	P715TE	P715SE
Power supply/motor	3-cylinder Diesel	3-cylinder Diesel	3~400V/50Hz	3~400V/50Hz
Drive	34.5kW	34.5kW	30kW	30kW
Output	4 - 17.4m ³ /h	4 - 17.4m ³ /h	4 - 18.2m ³ /h	4 - 18.2m ³ /h
Pumping pressure	68bar	68bar	68bar	68bar
Cylinder Ø / Stroke	150mm / 700mm	150mm / 700mm	150mm / 700mm	150mm / 700mm
Strokes per minute	27	27	27	27
Drive motor	Deutz D L03 2011	Deutz D L03 2011	electric motor	electric motor
Hopper volume	250l (280l, rubber)	250l (280l, rubber)	250l (280l, rubber)	250l (280l, rubber)
Chassis	1900kg, with brakes	skid frame	1900kg, with brakes	skid frame
Weight	1850kg	1700kg	1800kg	1650kg
Dimensions LxWxH	4200x1510x1600mm	3067x1393x1395mm	4200x1510x1600mm	3067x1393x1395mm
Filling height	1180mm	973mm	1180mm	973mm
Grain size	up to 16mm	up to 16mm	up to 16mm	up to 16mm
Outlet	SK 4.5"	SK 4.5"	SK 4.5"	SK 4.5"
Part no.	500084	500085	500086	500087
Standard equipment:	standard tools documentation	standard tools documentation	standard tools documentation	standard tools documentation



Partner of PUTZMEISTER Mörtelmaschinen GmbH

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PMFS GmbH
Alte Landstrasse 57
72072 Tuebingen
Germany

phone +49 7071 4076785
fax +49 7071 7506993
info@pmfsgmbh.de
www.pmfsgmbh.de