

Sika-PM 702

Piston pump with synchronized hydraulic additive dosing unit
Ideal for hand-held shotcrete work in tunnelling and mining

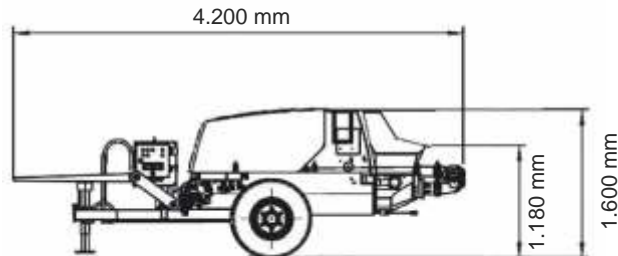
Putzmeister



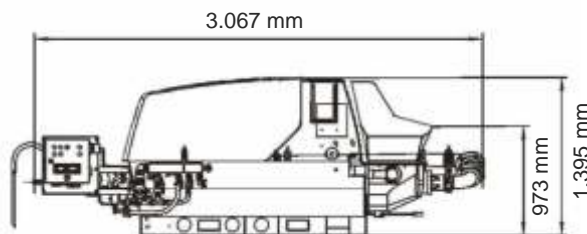
Sika-PM 702 for manual concrete spraying in tunnels and mines

The Sika-PM 702 piston pump is ideal for hand-held shotcrete work in tunnelling and mining. It is equipped with a hydraulic additive dosing unit which synchronizes the additive dosage with the concrete flow, leading to a high-quality shotcrete mix and therefore to an increase in efficiency. The Sika-PM 702 is the ideal combination of powerful, large-scale pump technology with an extremely compact and user-friendly design. It is available as a stationary or trailer pump to fit the requirements of all construction sites. With its road-going T chassis, transportation and on-site manoeuvring could not be easier.

Sika-PM 702 ^{TE}

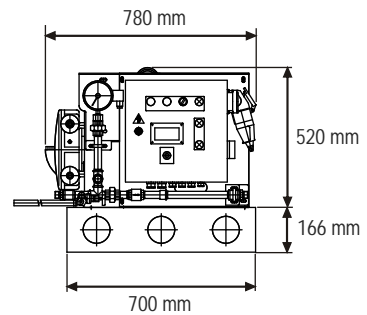
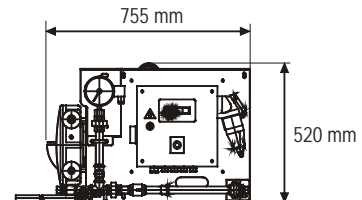


Sika-PM 702 ^{SE}



Putzmeister additive dosing system synchronized with concrete flow

The hydraulically driven peristaltic additive pump is closed-loop regulated and electronically controlled by PLC. The dosing unit is connected to the concrete pump, so the liquid additive dosage is automatically regulated in proportion to the volume of pumped concrete. The dosing system allows independent water dosing, and the dosage adjustment is infinite.



General data

	Sika-PM 702 ^{TE}	Sika-PM 702 ^{SE}
Chassis	1.900 kg, with brakes	skid frame
Weight (full tank)	1.800 kg	1.650 kg
Length	4.200 mm	3.067 mm
Width	1.510 mm	1.395 mm
Height	1.600 mm	1.395 mm
Filling height	1.180 mm	973 mm

Concrete pump

Piston pump	2-cylinder, hydraulically driven
Theor. delivery rate (piston side)*	4 - 18.2 m ³ /h
Delivery pressure (piston side)*	68 bar
Cylinder diameter/ piston stroke	150 mm/ 700 mm
Strokes per minute	max. 27
Diameter of drive cylinder	80/ 45 mm
Drive motor	Electric motor, 400 V, 50 Hz, 30 kW
Hopper capacity	TS 323 (250 l/ 280 l with rubber collar)
Maximum particle size	16 mm
Pressure connection	SK 4.5"

* The data is based on empirical values and depends on the materials used

Additive dosing system

Concrete Flow	Max. 60 - 500 l/h
Max. working pressure	10 bar
Additive tank	220 / 400 l
Control system	PLC with closed loop

Optional

Diesel engine	3-cylinder, Deutz 2011 L3, 34.5 kW
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