

SPM 715

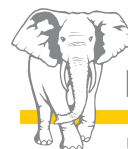
SYNCHRO



PISTON PUMP WITH SYNCHRONIZED
ADDITIVE DOSING SYSTEM



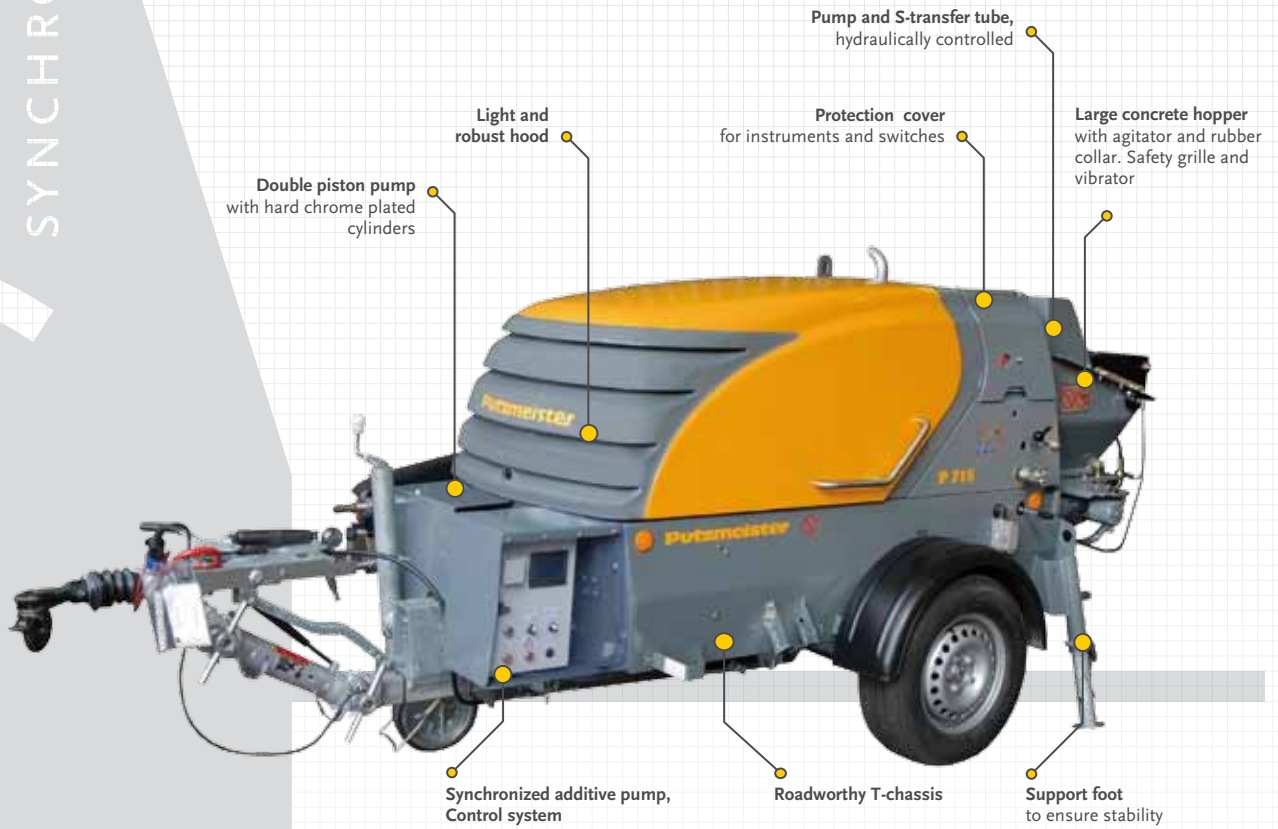
BEST
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Putzmeister

Underground Technology

SPM 715 SYNCHRO



SPM 715 SYNCHRO: IDEAL FOR HAND-HELD CONCRETE SPRAYING WORK IN TUNNELLING AND MINING

The piston pump for concrete spraying SPM 715 Synchro, equipped with a hydraulic additive dosing unit which synchronizes the additive dosage with the concrete flow, is ideal for hand-held concrete spraying work. The equipment combines the most 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 chassis, transportation and on-site manoeuvring could not be easier.

SYNCHRONIZED ADDITIVE DOSING SYSTEM

The adjustment of the additive dosage to the requirements of the construction site is an easy and reliable process with SPM 715 SYNCHRO. Just set the required values, and the system does the rest. The permanent control by the PLC over the system

permits the automatic regulation of the liquid additive dosage in proportion to the concrete flow. The hydraulically operated peristaltic additive pump provides a wide working range from 40 to 400 l/h, and the pumping values can be immediately checked on the PLC's display. That way, SPM 715 SYNCHRO guarantees high precision and quality concrete spraying.



Control panel display



PUTZMEISTER: CONCRETE SPRAYING TECHNOLOGY



VERSIONS

SPM 715 SYNCHRO

Electric or Diesel motor
Trailer or stationary pump



TRAILER
PUMP



STATIONARY
PUMP

ELECTRIC MOTOR

TE

SPM 715 SYNCHRO^{TE}

DIESEL MOTOR

TD

SPM 715 SYNCHRO^{TD}

SE

SPM 715 SYNCHRO^{SE}

SD

SPM 715 SYNCHRO^{SD}

TECHNICAL DATA

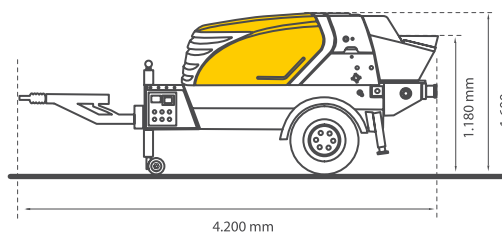
GENERAL DATA

VERSION	TRAILER PUMP (TE, TD)	STATIONARY PUMP (SE, SD)
Chassis	With brakes	Skid frame
Weight (empty)	1.900 kg / 1.950 kg with Diesel motor	1.800 kg / 1.850 kg with Diesel motor
Length	4.200 mm	3.067 mm
Width	1.510 mm	1.395 mm
Height	1.600 mm	1.395 mm
Hoppe Filling height	1.180 mm	973 mm

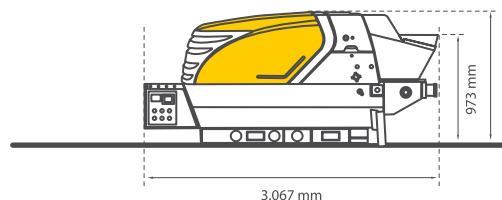
CONCRETE PUMP

VERSION	ELECTRIC MOTOR (TE, SE)	DIESEL MOTOR (TD, SD)
Pump	Double piston, hydraulically driven	
Drive	Electric motor	Diesel Motor
	30 kW, 400V 50 Hz or 440V 60 Hz	Diesel Motor Deutz D032011, 34,5 kW (3 cylinders)
Theor. Concrete Flow	4 - 18,2 m ³ /h	4 - 17,4 m ³ /h
Concrete pressure	68 bar	
Cylinder diameter / piston stroke	150 mm / 700 mm	
Strokes per minute	27	
Maximum particle size	16 mm	
Hopper	TS 323 – Agitator in hopper and grill with electric vibrator. Steel or polymer fibre pumping.	
Hopper capacity	250 l / 280 l	
Concrete pipe	100 mm with reduction to 65 mm (4,5"/3")	

SPM 715 SYNCHRO TE, TD



SPM 715 SYNCHRO SE, SD



PUTZMEISTER SYNCHRONIZED ADDITIVE PUMP

Type	Peristaltic pump, hydraulically operated
Synchronization	With automatic dosing device, proportional to concrete flow
Control system	Closed loop regulation and controlled by PLC
Adjustment range	40 - 400 l/h
Max. Working pressure	10 bar

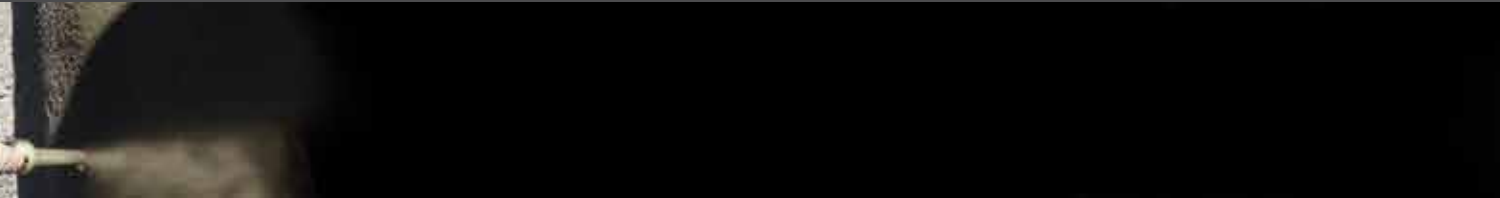
OPTIONAL EQUIPMENT

- Equipment for manual concrete spraying
- Centralized lubrication system
- Radio remote control
- High pressure cleaner
- Crane eye

PUTZMEISTER: CONCRETE SPRAYING TECHNOLOGY

For over 30 years Putzmeister has been designing, developing and producing concrete spraying equipment for mines and tunnels. The experience acquired over these years together with ongoing investment in research and development have made Putzmeister a leading company in this field of application. It is this experience and search for added value for our customer that makes us different.

The main components of Putzmeister concrete spraying equipment, spraying arm, concrete pump, chassis and control software, are designed, developed and produced in-house in order to offer perfectly synchronized equipment, tailored to our customer's needs and the toughest working conditions.

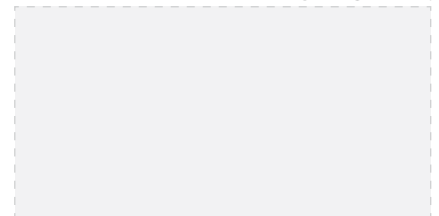


SPM 715

SYNCHRO

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