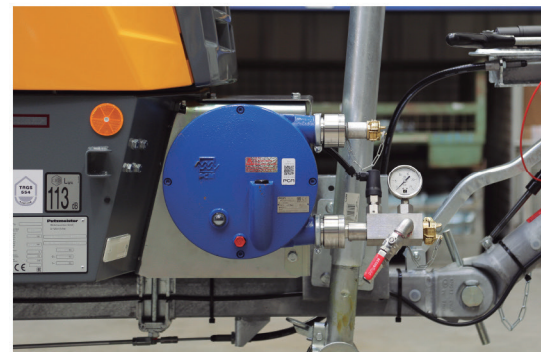




**Putzmeister**



# P 720 / P 730 SYNCHRO

Piston pumps with synchronised  
additive dosing system

P 720 SYNCHRO AND P 730 SYNCHRO

# PISTON PUMPS WITH SYNCHRONISED ADDITIVE DOSING SYSTEM

MANUAL CONCRETE SPRAYING OR ROBOTIC (IN COMBINATION WITH WETKRET 3) IN TUNNELING AND MINING

The P 720 and P 730 are our multi-talented piston pumps that are also available with a liquid additive pump synchronised with the concrete flow, making them the P 720 Synchro and P 730 Synchro. These pumps will be your best ally for manual or robotic concrete spraying together with Wetkret 3.

The equipment combines the latest Putzmeister pump technology with an extremely compact and user-friendly design.

The P 720 Synchro works with a particle size of up to 16 mm at 80 bar pump pressure and 21 m<sup>3</sup>/h delivery rate, while the stronger P 730 Synchro works up to 32 mm at 55 bar and 30 m<sup>3</sup>/h rate.

**STAGE V**  
ready to work

Both meet Stage V engine emissions or are available in an electric version.



Regarding the chassis, they are available as a stationary or trailer pump to fit the requirements of all construction sites.



# P 720 SYNCHRO AND P 730 SYNCHRO



## FOLDING TOLL

The large folding hopper with rubber collar, protective grille and splash guard (option)



## DIESEL ENGINE

The robust, compact diesel engine meets all requirements of the "Stage V" emissions standard



## CONTROL PANEL

The central operating panel with intuitive keypad employs the "follow the blue light" principle, is easy and safe to operate and is well protected by a robust acrylic-glass door

## SYNCHRONISED ADDITIVE DOSING SYSTEM

The adjustment of the additive dosage to the requirements of the construction site is an easy and reliable process with P 720 Synchro and P 730 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 up to 500 l/h in P 720 Synchro and 700 l/h in P 730 Synchro, and the pumping values can be immediately checked on the PLC's display. That way, P 720 Synchro and P 730 Synchro guarantee high precision and quality concrete spraying.



## SYNCHRONISED 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	500 l/h	700 l/h
Max. Working pressure	10.5 bar	10.5 bar

TECHNICAL DATA	P 720 SYNCHRO	P 730 SYNCHRO
Conveyor hopper	250 l / 280 l (with rubber collar)	300 l / 360 l (with rubber collar)
Delivery rate*	3 - 21 m³/h	3 - 30 m³/h
Maximum delivery pressure	80 bar	55 bar
Delivery distance**	With shotcrete/fine concrete, max. 100 m horizontal and 80 m vertical reach	With shotcrete/fine concrete, max. 100 m horizontal and 80 m vertical reach
Drive	Three-cylinder Hatz diesel engine, 42 kW, Stage V Three-cylinder Deutz diesel engine, 44.5 kW, Stage V 30 kW electrical engine, 400 V / 50 Hz or 460 V / 60 Hz	Four-cylinder Hatz diesel engine, 54.8 kW, Stage V Three-cylinder Deutz diesel engine, 55.4 kW, Stage V 30 kW electrical engine (45 kW optional), 400 V / 50 Hz or 460 V / 60 Hz
Piston pump	Two-cylinder pump, hydraulic	Two-cylinder pump, hydraulic
Piston stroke	700 mm	700 mm
Delivery cylinder (dia.)	150 mm	180 mm
Drive cylinder (dia.)	80/45 mm	80/45 mm
Pressure connection coupling	4,5"	5,5"
Max. number of strokes	29 strokes/min.	29 strokes/min.
Weight	2050 kg (TD) / 1980 kg (TE) 1890 kg (SD) / 1820 kg (SE)	2450 kg (TD) / 1980 kg (TE) 2180 kg (SD) / 1820 kg (SE)
Length × width × height	4800 x 1491 x 1916 mm (TD and TE) 3056 x 1204 x 1734 mm (SD and SE)	4810 x 1592 x 1983 mm (TD and TE) 3137 x 1408 x 1734 mm (SD and SE)
Filling height	1324 mm (TD and TE)	1340 mm (TD and TE)
Maximum particle size	1140 mm (SD and SE)	1093 mm (SD and SE)
Machine model	16 mm	32 mm
	Trailer pump (TD or TE)	Trailer pump (TD or TE)
	Stationary pump (SD or SE)	Stationary pump (SD or SE)
<b>OPTIONAL EQUIPMENT:</b>	Equipment for manual concrete spraying Centralized lubrication system	

\* The delivery rate is theoretical and depends on the pump pressure \*\* The data is based on experience and is dependent on the materials used

# WETKRET 3

Wetkret 3 has been designed to work easily and safely in small tunnel sections with difficult access. Mounted on a compact crawler chassis with diesel engine according to your zone regulations, its telescopic spraying arm has a maximum reach of 8.79 m and is operated by remote control, which will make the application safer, more ergonomic and efficient.

## THE PERFECT COMBINATION FOR ROBOTIC CONCRETE SPRAYING IN TUNNELS WITH DIFFICULT ACCESS: WETKRET 3

If you prefer to perform a robotic application, Wetkret 3 is the perfect equipment. You can easily and quickly connect P 720 Synchro and P 730 Synchro pumps, as well as air and additive supply in a way that prevents the use of external hoses interfering with the work, focus on the important: a perfect finish.

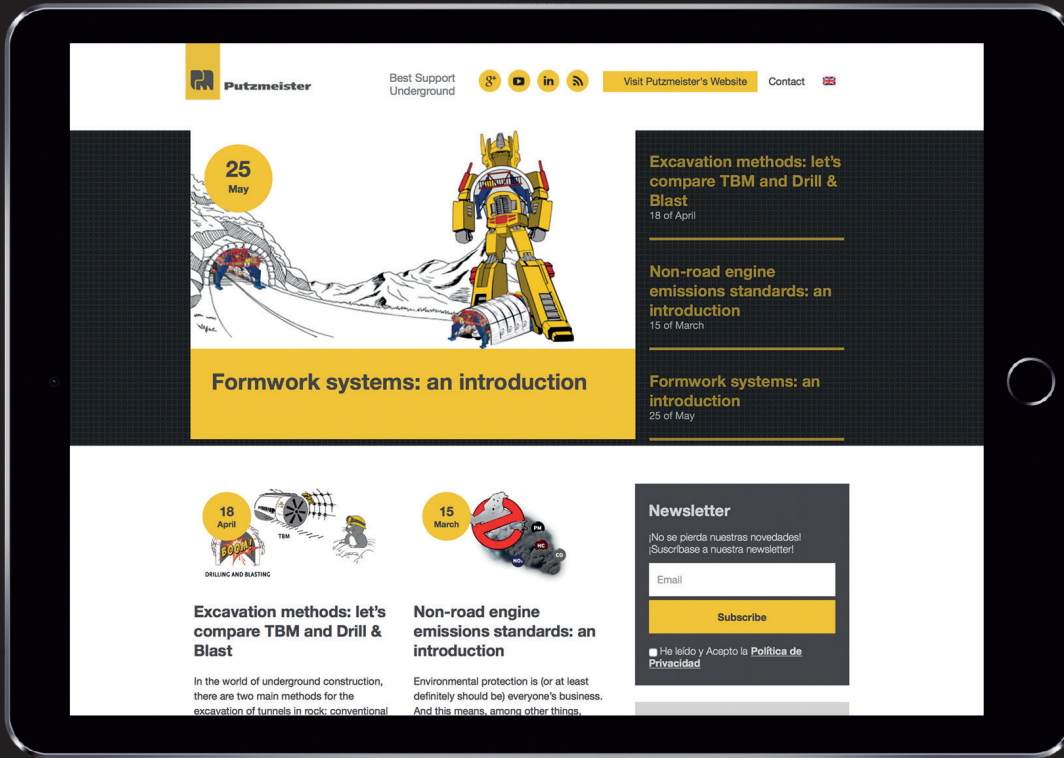


# Putzmeister Underground Technology

## Visit our blog

[Bestsupportunderground.com](https://bestsupportunderground.com)

### Shotcrete in underground mining and much more...



Non-binding informative document. The values indicated are theoretical maximum values. Specifications subject to change without notice. Photos and illustrations are for illustrative purposes only. For information on available options, please contact us.

Subject to technical modifications · © Putzmeister Ibérica S.A. 2024 · All rights reserved · Printed in Spain · UT\_39338-1 EN

Distributed by



**Putzmeister Ibérica S.A.**

Camino de Hormigueras 173 · 28031, Madrid (Spain)

Tel. +34 91 428 8100 · [contacto@putzmeister.com](mailto:contacto@putzmeister.com)

[www.putzmeister.com](http://www.putzmeister.com)