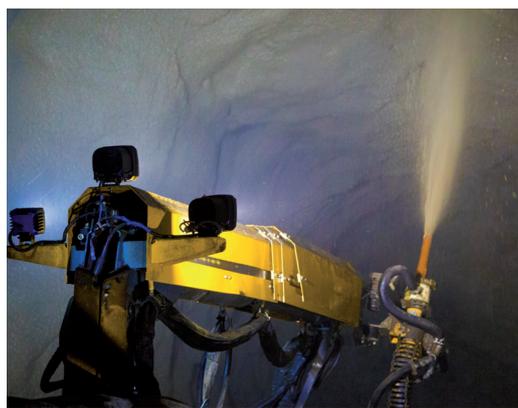




Putzmeister



SPM 4210 Wetkret

Concrete spraying equipment

SPM 4210 Wetkret – efficient technology for concrete spraying



SPM 4210 Wetkret series

The SPM 4210 Wetkret series opens a new chapter in efficient technology for concrete spraying in mining.

Its spraying arm, of Putzmeister in-house design and manufacture, has a reach of 10 m. The dual cable and wireless proportional remote control permits easy handling of the arm movements, besides regulation of the concrete flow and adjustment of the additive dosage.

With state-of-the-art axles, the heavy-duty chassis is suitable for the toughest working conditions.

At Putzmeister we devote our efforts to continually presenting the most efficient concrete spraying equipment as a complete system. With the SPM 4210 Wetkret a new stage in development has been reached.



SPM 4210 Wetkret

The standard version of the SPM 4210 Wetkret series is operated electrically and is optionally available with an electric air compressor built into the chassis.

SPM 4210 Wetkret DUAL DRIVE

The SPM 4210 Wetkret DUAL DRIVE version has a dual drive system so that all the components can be operated both by diesel engine and electrically. The unit is equipped with a catalytic converter as standard and is optionally available with an electric or diesel air compressor, built into the chassis.

SPM 4210 Wetkret ROTOR

The SPM 4210 Wetkret ROTOR version is ideal for mechanized dry mix shotcreting in mining, offering the same level of sturdiness in the chassis as the standard model. The unit includes the option of an air compressor built into the chassis.



SPM 4210 Wetkret – tailored to your needs and the toughest working conditions

Spraying arm: Strength, ergonomic design and reach

With a vertical spraying reach of 10 m, the spraying arm provides the operator with high-speed reaction and precision in the telescopic arm opening and closing, raising and turning movements. The new arm design is reinforced with a cylinder-ring gear turning system. The hydraulic cylinders of the telescopic arm have been fitted externally and covered for full protection. In this way, easy access is available for maintenance without forgoing protection of the machine.

High performance concrete pump with an output of up to 20 m³/h

Putzmeister has been world famous as the manufacturer of concrete pumps par excellence for over 60 years. Putzmeister is synonymous with top quality, innovation and reliability. The concrete pump PM 1507 mounted on the equipment is specially designed for concrete spraying, guaranteeing high performance, low pulsations and a long life for the wear parts. The efficiency of the Putzmeister concrete pump is unique.



Hopper designed for concrete spraying: Agitator in hopper and grill with adjustable electric vibrator, for steel or polymer fibre pumping. Easy to open for maintenance and cleaning



Automatic lubrication system of the concrete pump for proper machine maintenance

SPM 4210 Wetkret – tailored to your needs and the toughest working conditions



All controls available in proportional dual remote control (radio/cable)

The SPM 4210 Wetkret series proportional remote control permits full regulation of the concrete output as well as adjustments to the predefined additive dosage. In this way, the machine can cope with the changing working conditions in mines, where the rock varies in composition, strength and stability, so the machine operator must act flexibly in terms of concrete output and

additive dosing, in accordance with the requirements regarding early strength and drying times in each specific situation.

All other functions of the machine are also available by means of remote control, including automatic spraying sequence start functions (air, concrete and additive), facilitating the operator's work.

Heavy-duty chassis with state-of-the-art axles

The chassis is designed to meet mining demands and made of high-resistance steel to stand the harshest working conditions. The SPM 4210 Wetkret incorporates innovative, state-of-the-art axles as well as a reinforced turning system. Central articulated turning and the small size of the machine

endow it with magnificent manoeuvrability, which is a must particularly in low-profile mines. Its four driving wheels and the four-wheel braking system increase the manoeuvrability of the machine in difficult terrain even more. Its excellent climbing capacity and great ground clearance facilitate off-road driving.

On-board compressor for total autonomy

Despite its compact size, the SPM 4210 Wetkret series includes the option of an electric or diesel worm compressor built into the chassis, which endows it with high mobility and the option of autonomous operation, an added value which is highly demanded.

Automatic synchronization of additive dosage and output

The hydraulically-operated synchronized peristaltic additive pump is regulated by closed loop and controlled electronically. It is equipped with an automatic dosing device proportional to the concrete flow, thereby assuring spraying accuracy and quality.

Configuration of the equipment according to the working environment

Putzmeister offers its customers a series of optional equipment perfectly studied to provide the best possible configuration according to the characteristics of the working environment.



Proportional remote control for easy handling of arm movements, dual use (radio/cable).



Liquid additive pump, synchronized with the concrete flow.



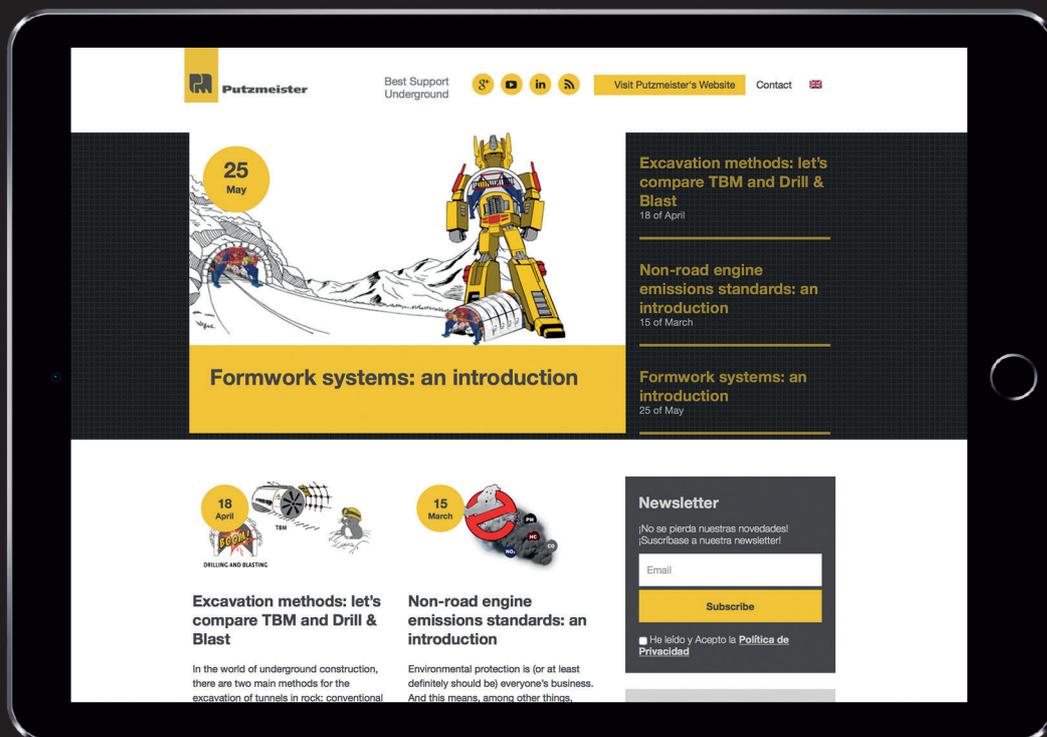
Control system with multilingual colour display, indicating concrete flow, additive dosage, faults, diagnoses and alarms.

Putzmeister Underground Technology

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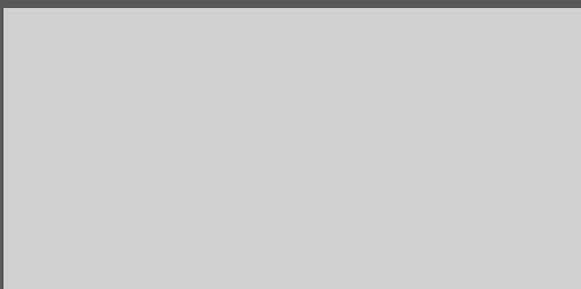
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This is a merely informative, non-binding document. Maximum theoretical values listed. Specifications are subject to change without prior notice. Photos and drawings are for illustrative purposes only. For available options, please consult the factory.

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