



SHOTCRETE & CONCRETE PUMP

ATEX PRODUCTS



INNOVATIVE - QUALIFIED - TRUSTED

**SCREED • PLASTER • GROUT • CONCRETE • SHOTCRETE • PLANT
BLASTING • ROADHEADER • ATEX**

www.tekkok.com.tr

TEKKÖK is a registered trademark

TEKKÖK® ATEX PUMPS

We offer innovative solutions for concreting and shotcreting at underground coal mines with our Shotcrete and Concrete Pumps with ATEX certificates. We use the technological improvement and opportunities of our era in the design of our products. As a brand name **TEKKÖK®** means innovation, quality and trust.

ATEX SHOTCRETE PUMP

All of our atex concrete pumps are optionally offered with the shotcrete kit for use as fully functional shotcrete pumps. It is possible to use these models for both shotcreting and concreting.

TEKKÖK® ATEX CONCRETE PUMPS: IMPROVED TECHNOLOGY POWERFUL - DURABLE- STRONG

Our atex concrete pumps are equipped with high quality, unique and innovative technologies. They are strong and powerful machines. The system of our pumps is designed in a way to reach to the maximum power with the lowest energy consumption. It is possible to pump various concrete designs effectively.

HORIZONTAL CONVEYING
VERTICAL CONVEYING
SHOTCRETE
REFRACTORY SHOTCRETE
GROUTING
GROUND AND STABILIZATION
MINE STABILIZATION
GEOTECHNICAL STABILIZATION

WM Series

The ergonomic design gives sensitive reaction to the interaction with the operator for all actions. It is equipped with strong and durable hydraulic pistons, delivery cylinders and wear parts which promise a longer use time. The requirements for the periodical maintenance which provides longer use time of spare parts are lightened and eased. It is enriched with the plus features equipped as standard on each model.

STANDARD PLUS FEATURES

2-piston pump with s-valve
Reversible stroke at any time
Adjustable output rate
High pressure due to the concrete class
Hard chromed concrete cylinders
Hard steel hydraulic pistons
Long lasting wear parts
Agitator at the concrete hopper
Vibrator at the concrete hopper
Semi-automatic lubricator
Heavy-duty lifters
Heavy-duty steel frame
Frame on wheels
Wide stance for easy towing
Aluminium rims

OPTIONAL ADDITIONS

Skid mounting
Rail vehicle
Hydraulic movement
Steel rims
Hopper extension
Remote control with cable
Automatic central lubricator
Water wash-out pump
Hydraulic lifters
Custom painting
Custom specifications (tailor-made)
Electrical box due ATEX requirements
Emergency stop button

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GENERAL FEATURES

Our shotcrete and concrete pumps with ATEX certificate are equipped with the most innovative technologies. We design this segment of our products to meet all the ATEX requirements about the matters such as electric-electronic, static electric charging, sudden discharge, moving parts, over heat and material structure.

The hydraulic system on our shotcrete and concrete pump is operated without electronic controls. We use an innovative hydraulic design to meet the ATEX requirements for our pumps. The improved design and technologies are also utilized within our machines to produce higher power with lower effort. The hydraulic passage ways are shortened for an effective circulation of the oil in the system. The response time is decreased while the overall effectiveness of its system increased. The complete machine is designed with a system which reaches to the highest power with the lowest energy consumption as possible.

It is equipped with hard chromed strong hydraulic cylinders which promise longer use time whereas all the parts are easy to dismount. The user-friendly design allows to reach out to the interior parts for cleaning purposes. The requirements for the periodical maintenance which provides longer use time of spare parts are lightened and eased. It is manufactured due to the ATEX requirements as well as to the high world standards and conforms to the European Union requirements.

CONCRETE PUMP

	CP-E612MX	CP-E2216MX	CP-E2232MX
Type		Islak	
Trigger	Ex-proof electrical (Various voltage options)		
Motor power	13-15 kW	22 kW	36 kW
Pumping system	2 piston - Hydraulic		
Output rate	0-6 m³/h	0-22 m³/h	0-22 m³/h
Built-in mixer		0 - 6 m³/h	
Delivery distance **	100 m →	150 m →	200 m →
Aggregate size support	12 mm	16 mm	32 mm
Cylinder diameter	90 mm	120 mm	160 mm
Stroke	500 mm	1000 mm	1000 mm
Output diameter	2.5"	3"	3"
Max. operating pressure *		75 bar	
Weight	1450 kg	1750 kg	1850 kg

SHOTCRETE PUMP

	CP-E612MSHX	CP-E2216MSHX	CP-E2232MSHX
<i>(The specifications below are added to the specifications at the table above.)</i>			
Shotcrete delivery rate ***	0-6 m³/h	0-22 m³/h	0-22 m³/h
Output diameter	2.5"		
Additive tank volume	400 lt		
Dosing rate	50 - 600 lt/h		
Minimum air requirement	5 ~ 6 m³/min @ 7 bar		
Weight	1500 kg	1800 kg	1900 kg

* Concrete pressure depends on the power of the engine and the hydraulics.

** Delivery distance depends on the horse/power, concrete pressure, material (mix design, slump, local sand and rock characteristic), and delivery system (pipeline diameter, type (steel or hose), reduction/bends).

*** The shotcrete kit is optionally available.



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MADE in TURKEY