



FOAM CONCRETE MACHINE

PORTABLE STATIONARY

INNOVATIVE - QUALIFIED - TRUSTED

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

www.tekkok.com.tr

TEKKÖK is a registered trademark

TEKKÖK®

FOAM CONCRETE MACHINE

We offer innovative solutions for concreting at building, tunnel and mine constructions with our foam concrete machines decreasing the cost of construction. We use all the technological improvement and opportunities of our era in the design of our products. As a brand name **TEKKÖK®** means innovation, quality and trust.

3 TIMES MORE OUTPUT

Our foam concrete pump converts 1 m³ of cement-water mixture into 3-4 m³ foam concrete. It is the most cost effective method for concreting. It is becoming the new way of concreting worldwide as the strenght and durability of the foam concrete layer is high.

TEKKÖK® FOAM CONCRETE PUMP: IMPROVED TECHNOLOGY POWERFUL - DURABLE- STRONG

Our foam concrete pump is equipped with high quality, unique and innovative technologies. It is a new system which protects the foam. Its system is designed in a way to generate foam and mix it with grout without deforming it. It is possible to pump various concrete designs effectively.

HORIZONTAL CONVEYING
VERTICAL CONVEYING
MOULDING
INJECTION
GROUTING
FOUNDATION AND GROUND
POOL
TUNNEL-MINE STABILIZATION
GEOTECHNICAL STABILIZATION

FCP 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

Electrical box due job safety requirements
Emergency stop button
Grout pump with mixer
Foam generator
Foam concrete generator
Foam concrete pump
Flawless flow of foam concrete
Reversibility at any point in pumping
Adjustable output rate
Manual settings control
Long lasting wear parts
Semi-automatic lubricator
Heavy-duty lifters
Heavy-duty steel frame
Frame on wheels
Wide stance for easy towing
Aluminium rims

OPTIONAL ADDITIONS

Skid mounting
Remote control with radio frequency
Remote control with cable
Digital settings control
Automatic central lubricator
Steel rims
Water wash-out pump
Hydraulic lifters
Custom painting
Custom specifications (tailor-made)
4x4 WD hydraulic movement

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GENERAL FEATURES

We offer models with electrical and diesel options which can all deliver concrete up to 10 m³ per hour. All of our models can deliver both foam concrete and self-levelling screed. (For delivering only self-levelling screed, we offer other models which are available on other catalog pages).

On all of our foam concrete machines, we use innovative technologies to generate highly qualified foam and to mix it with grout without deformation. The new generation system on our machines protects the foam within the foam concrete. As a result, it leads to high strength and endurance of the foam concrete layer.

The system of the diesel model is hydraulic. Its hydraulic passage ways are shortened for the faster circulation of the oil within the system. The response time is decreased and the effectiveness of the working system increased. The complete machine is designed within a system which reaches to the highest power with the lowest energy consumption as possible.

The requirements for the periodical maintenance for longer use time of spare parts are lightened and eased. The user-friendly design allows to reach out to the interior parts for cleaning and maintenance. All the parts are easy to dismount as well as to mount.

It is manufactured due to the high world standards and conforms to the requirements of the European Union. The electrical box of all models meets the requirements of the job safety.

DIESEL MODEL

Model	FCP-	D10
System		Diesel-Hydraulic
Engine	kW	36, Deutz, 3-Cylinder, Turbo Diesel
Grout mixer and pump		Hydraulic
Air compressor		Hydraulic
Water jet		Hydraulic
Static mixer		Hydraulic
Foam concrete pump		Hydraulic
Foam concrete rate	m ³ /h	0-10
Max. pressure *	bar	25
Delivery distance **	m	120 → / 60 ↑↓
Weight	kg	1100
W x L x H	mm	1350 x 3650 x 1650

ELECTRICAL MODEL

Model	FCP-	E5	E10
System		Electro-Mechanic	Electro-Mechanic
Grout mixer	kW	5.5	5.5
Grout pump	kW	5.5	5.5
Air compressor	kW	3	3
Water jet	kW	1.5	1.5
Static mixer	kW	1.5	1.5
Foam concrete pump	kW	7.5	7.5
Foam concrete rate	m ³ /h	0-5	0-10
Max. pressure *	bar	25	25
Delivery distance **	m	120 → / 60 ↑↓	120 → / 60 ↑↓
Weight	kg	900	900
W x L x H	mm	1350 x 3250 x 1450	

* Foam concrete pressure depends on the power of the motor/engine and 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).



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MADE in TURKEY