



GUNITE MACHINE

ROTOR-TYPE PUMPS FOR DRY-MIX SHOTCRETE

INNOVATIVE | QUALIFIED | TRUSTED

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

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TEKKÖK Makine İnşaat is a registered trademark.

TEKKÖK® GUNITE MACHINE

With our gunite machine, we offer traditional solutions to meet the needs for the dry and semi-dry shotcrete applications in building, tunnel, road, bridge and mine projects. 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.

HYDRAULIC SKIP

To make it easy to feed the machine with the dry materials and to save from laborship, we offer the hydraulic skip as an optional addition. After fullled with the dry materials, the hydraulic skip with 8 m³ volume can feed the machine with continuous flow for an hour.

ROTOR-TYPE MACHINE

TRADITIONAL TECHNOLOGY FOR DRY-MIX SHOTCRETE

After its connection to an extra site air compressor, the gunite machine takes advantage of the compressed air to deliver the pre-dampened dry materials. For the delivery of the material in stages, the machine uses the rotor-type technology which has been the traditional system of the last few decades for dry and semi-wet shotcrete, which are also called as gunite. The rotor-type technology delivers the materials in stages for a flawless flow of shotcreting. During the delivery, the dry materials are mixed with water at the final stage in the mixing head which is located at the output of the hose. The concrete is projected through the nozzle connected to the mixing head. It forms a concrete support layer after it gets coagulated and cured on the surface.

TEKKÖK® GUNITE MACHINE Dry-Mix | Semi-Wet-Mix

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**MADE IN
Turkey**

Discover
the potential

**DRY
&
SEMI-WET**

**ROBUST
TRAILER**

**OPTIONAL
HYDRAULIC
SKIP**



GENERAL FEATURES

We produce the most common models used for gunite (dry-mix shotcrete) with the most popular output rates 3~4 or 6~8 m³ per hour. Our products are user friendly, simple and long lasting. Any model of our gunite machines can be used with the dry or semi-wet spraying kits for filling, fortification, slope stabilization, shaft chamotte plaster work, maintenance and restoration at superstructure and substructure at building, tunnel, road, bridge and mine projects such as the constructions of dam, highway, bridge, railway, subway, building and pool.

Our gunite machine has a system working with both electricity and air. While the system is electric driven, the dry materials are delivered and sprayed by the pressurized-air. The ready-mix (pre-mixed) dry materials are put into the hopper and delivered through the hose to the mixing head. The materials are mixed with water inside the mixing head and sprayed through the spraying nozzle. It is possible to use this model for semi-wet shotcrete as well as dry shotcrete.

It has only rubber disk and steel plates to be replaced periodically. The complete system is designed and manufactured conforming to high world standards and meets the European Union requirements. Its electrical components meet the requirements of job safety.

TECHNICAL SPECIFICATIONS

Model	SH-6	SH-4
Type	Rotor-type for Dry-Mix	Rotor-type for Dry-Mix
Semi-wet application kit	Optional	Optional
AC power	380 V, 50 Hz	380 V, 50 Hz
Main motor	7.5 kW	4 kW
Vibrator	Optional, 0.18 kW	Optional, 0.18 kW
Max. delivery rate *	6~8 m ³ /h	3~4 m ³ /h
D.rate frequency control	Optional, 0~6 m ³ /h	Optional, 0~3 m ³ /h
Max. delivery distance *	Max 150 m → / 50 m ↑↓	Max 150 m → / 50 m ↑↓
Air consumption (@ 7 bar)	Min 12 / Max 18 m ³ /min	Min 8 / Max 15 m ³ /min
Air consumption (@ 4 bar)	Min 15 / Max 32 m ³ /min	Min 15 / Max 24 m ³ /min
Grain size support	0-16 mm	0-12 mm
Filling height	1500 mm	1500 mm
Dimensions (WxLxH)	1000*1400 *1500 mm	800*1350*1500 mm
Weight	750 kg	600 kg

* Delivery rate and distance depends on air pressure and amount.





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MADE in TURKEY