

Description

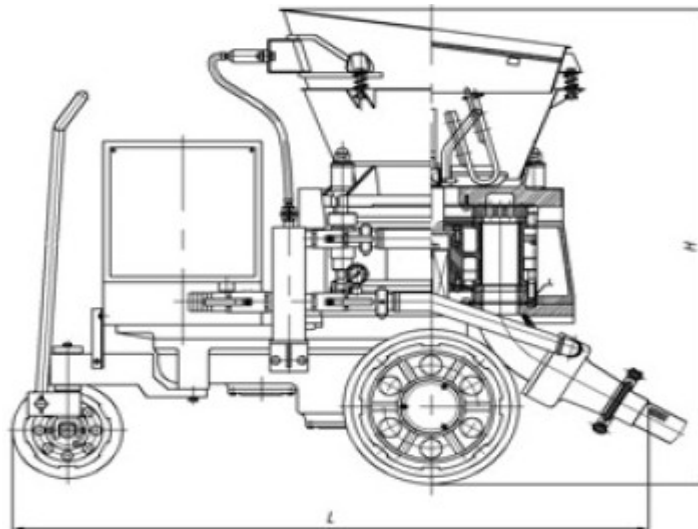
The SD-5 is a medium-sized concrete spraying machine for the processing of dry mix. The machine can be used thanks to its compact design and mobility where space is at a premium e.g. in mines and galleries.

Other potential applications are slope and hillside protection, lining of water tanks and swimming pools, guniting for single and double shell tunnel construction, backfilling of tubing.

The SD-5 is available in the following versions.

- BASIC Electric drive
- AIR With air drive
- DIESEL Diesel drive

Dimensions



Length	1350mm(2000mm,diesel)
Height	1200 mm
Width	750 mm
Weight	720 kg(730kg,diesel)
Content of hopper	50 Liters

Drive

Electric (BASIC)

Motor output	5.5KW/7.5hp
Speed range	1000 rpm
Voltages	380V50 Hz
	440V50/60Hz
	220V50/60Hz

With air motor (AIR)

Motor output	5.9 KW/8hp
Speed range	450-900 rpm
Pressure	0.5 Mpa/73psi
Air consumption	7.5 m³/min

Diesel

The information contained in this document is believed to correct but SUG accepts no liability for any errors it contains, and reserves the right to alter specifications without notice. Please consult the respective machine manual for all matters related to operations and maintenance.

Motor output 7.7hp/9hp
 Speed range 3000rpm/3600rpm

For more information, please refer to diesel engine technical data sheet

Theoretical conveying date (only dry)				
Hose Φ (mm)	Conveying output ¹⁾ (m ³ /h)		max. grain (mm)	max. conv. dist. (m) Horizontal / Vertical
	BASIC			
50	5	2.5~ 5	15	200 / 70

1) With theoretical filling degree of 100%. If motor with 60 Hz =20% higher conveying capacity

Theoretical date for consumption for conveying

Air consumption (m ³ /min.) ²⁾	
Dry spraying	
60 m	120 m
7	8

2) Air consumption data are approximate values and are depending on conveying distance.

CAUTION: For the configuration AIR (with air motor) it has to be considered:

Total air consumption = Air consumption for conveying + Air consumption for air motor!

SD-5 with BASIC



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