

Description

The SW3000 is a concrete spraying machine for the processing of wet or dry mix.

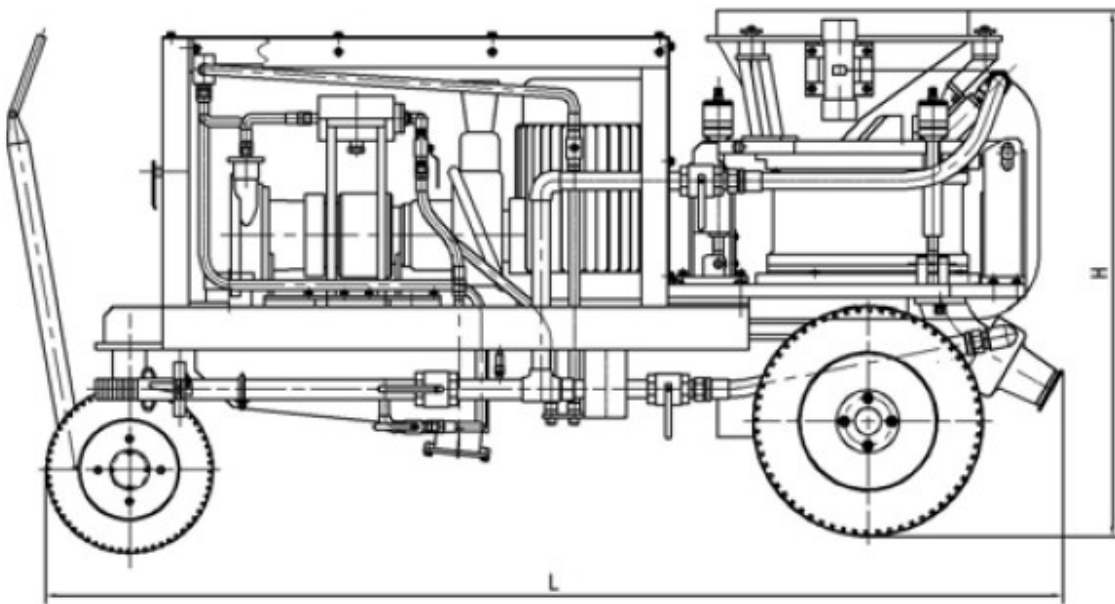
The machine, jointed with dosing unite, is suitable either for manual spraying or by means of a robotic arm.

The SW3000 is developed for the application of shotcrete in tunnels, mines and slopes. The machine has been designed especially for steel fibre spraying.

The SW3000 is available in the following versions.

- BASIC Electric drive
- AIR With air drive

Dimensions



Length L	2050 mm
Height H	1180 mm
Width	mm 950
Weight	1200 kg
Content of hopper	38 Liters

Drive

Electric (BASIC)		With air motor (AIR)	
Motor output	7.5 KW/10hp	Motor output	8 KW/11hp
Speed range	1500 rpm	Speed range	400-650 rpm
Voltages	380 V50/60 Hz 440V50/60 Hz 220V50/60 Hz	Pressure	0.63MPa/93psi
		Air consumption	9.4m ³ /min

The information contained in this document is believed to be 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.

Theoretical conveying date				
Hose ϕ (mm)	Conveying output ¹⁾ (m ³ /h)		max. grain (mm)	max. conv. dist. (m) Horizontal / Vertical
	BASIC	AIR		
50	5	3~ 5	15	Dry: 200 / 70 Wet: 30/20
65	5	3~ 5	20	

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

Theoretical data for consumption for conveying

Air consumption (m ³ /min.) ²⁾		
Dry spraying		Wet spraying
60 m	120 m	30 m
11	12	15

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!

SW3000 with BASIC



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