

Gunite Machines - SSB 14 / 24

Field of Application

The SSB concrete spraying machines work on the principle of pneumatic transport and have been designed for spraying concrete and refractory mixtures in the so-called dry way. SSB machines are used, in particular, to reinforce surfaces of engineering structures and to the construction of water works, to reinforce the vaulting of tunnels and collectors in underground engineering and to maintain concrete constructions. They are also used for spraying refractory materials in metallurgy and chemical industries. Concrete spraying machines can also be used to the transport of loose material in glassworks and ironworks.

Manufactured Models

Concrete spraying machines SSB are manufactured in two performance series marked as „SSB 14“ and „SSB 24“ and are driven either by an electromotor or an air turbine. The machines can be equipped with a variator or frequency converter for stepless output regulation.



Parameter	SSB 14	SSB 24
Output [m ³ /h]	0,5 – 3	4 – 6
Air consumption (distance of 40 m) [m ³ /min]	2 – 5	6 – 8
Air pressure [MPa]	0,5 – 0,6	
Electromotor output [kW]	1,5 ; 1,35/1,87	2,2 ; 1,87/2,6
Mains supply	3 x PEN 400 V	
Inner diameter for transport hoses [mm]	DN = 25,32,40,50	DN = 50,65
Granularity of transported material [mm]	max. 16	
Horizontal transport distance [m]	max. 300	
Vertical transport distance [m]	max. 100	
Water hose to nozzle (inside diameter) [mm]	DN 20	
Dimensions		
Length [mm]	1000	1100
Width [mm]	780	800
Height [mm]	980	1050
Weight (with no accessories) [kg]	300	350

Advantages

- easy handling due to the low weight of the machine
- stepless output regulation
- belt drive preventing damage of the drive in the case of impulse stoppage of the machinery
- remote control enabling the regulation of the output by the jet operator (COM-F model)
- fast and easy termination of operation without demanding cleaning of the machinery
- low operational costs