

FILTERING



SP300

Since its introduction in 1998 the SP300 screw compression filter has proven its worth. This machine is ideally suited for the controlled dewatering and separation of various liquid waste and residue flows from industrial, organic and agricultural processes. With the help of an internal screw and filter, the liquid effluent is transported through the SP300. The resulting dewatered product which can in many cases be stacked, exits the machine via the delivery chamber.

- The back pressure in the delivery chamber can be adjusted with great accuracy
- Works already with a very low dry matter content in the influent stream
- No pressure build-up on the filter



smicon
ENGINEERING YOUR PROCESS

SP300

TECHNICAL DATA

Dimensions

Machine general	930x370x270 mm (LxWxH)
Infeed	340x280 mm (LxW)
Outfeed effluent	Ø 101,6 mm
Outfeed fibres	Ø 300 mm
Transport dimensions	1410 x 610 x 830 mm (LxWxH)
Transport volume	0,715 m ³
Clearance area	3021 x 1970 x 1342 mm (LxWxH)
Filter surface	0,29 m ³
Filter mesh size (gap width)	150, 250, 500, 750, 1000 µm
Filter mesh size	Ø 2, 3, 5, 8, 12 mm

Weight

Weight	370 kg
Floor load per feet	1,85 kN static (see □)
Transport weight	400 kg

Drive

Power	1,5 or 2,2 kW
RPM shaft	24 RPM

Product information

Capacity	0-100 m ³ /hour
Maximum ball passage	Ø 50 mm
Product temperature	1-70 °C

Other specifications

A-weighted sound pressure level	<74 dB
C-weighted instantaneous sound pressure	<130 dB

Technical data is specified according to the machine without accessories

Accessories

Frame 1



Frame 2



Infeed funnel



Cover



Control panel



Clearance and illustrations

