

SmartLine Roller conveyor shot blast machines

Technical data



Typical applications

This machine has mainly been developed for the treatment of plates and profiles in the steel manufacturing and processing industry.

Assemble, connect and blast

Immediately ready for use and complete with four powerful roto-jet® blast wheels you can increase your efficiency from day one.

The new compact SmartLine range of roller conveyor shot blast machines from Wheelabrator are robustly built and designed for the economical surface treatment of plates and profiles. Load the part, push the button and just a short time later your semi-finished, pre-cut parts can be taken from the roller

conveyor, blasted and free from abrasive. The exhaust air system with integral safety filter allows a self contained installation of the machine without additional ducting.

Your advantages at a glance

- Compact, fully equipped shot blast machine
- Proven roto-jet® double disc blast wheels
- Automatic abrasive removal device
- Automatic PLC control
- Self contained installation without exhaust air ducting
- Quick turnaround, easy assembly and commissioning

Basic data:

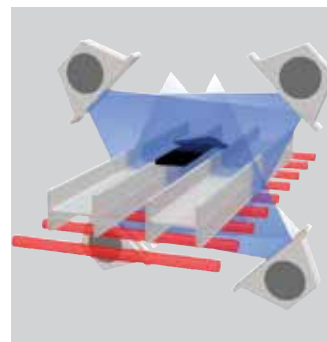
Machine type	RB 1500SL
Max. workpiece width (mm)	1500
Max. workpiece height (mm)	800
Max. profile size	IPB 1000
Max. plate thickness (mm)	50
Min. plate thickness (mm)	6, < 6 (on auxiliary raft)
Min. workpiece length (mm)	2000
Roller conveyor pitch (mm)	650
Speed of roller conveyor (m/min)	0.5 - 2.5
Number of blast wheels x capacity (kW)	4 x 11
Max. total length of machine (mm)	9500
Width of machine (mm)	3900
Height of machine (mm)	5550
Height to upper edge of roller conveyor (mm)	1050
Blast chamber lining material	Manganese hard steel 10 mm
Total power requirement (kW)	70
Compressed air requirement at 5 - 7 bar (m ³ /h)	ca. 24
Residual dust content in exhaust air (mg/m ³)	< 1
Colour	RAL 5024, pastel blue



Untreated semi-finished parts



Semi-finished parts after blasting



Automatic blasting of various semi-finished parts in one passage.



Quick and easy assembly and commissioning

For further information, please contact:

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