

SmartLine Overhead rail shot blast machines

Technical data



Typical applications

This machine has been mainly developed for the blast cleaning of welded steel constructions, the deburring and homogenizing of die cast parts or the hardening of dynamically stressed parts.

Assemble, connect and blast

Immediately ready for use and complete with two powerful roto-jet® blast wheels you can increase your efficiency from day one. The new compact SmartLine range of shot blast machines from Wheelabrator are robustly built and designed for the economical surface treatment of a variety of workpieces.

The incorporated Y-track overhead rail system enables the loading/unloading of one workpiece batch while the blast machine is operating.

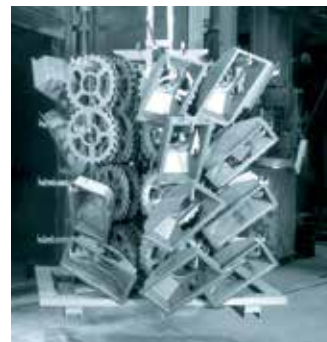
The exhaust air system with integral safety filter allows the machine to be installed without exhaust air ducting.

Your advantages at a glance

- Compact, fully equipped shot blast machine
- Proven roto-jet® double disc blast wheels
- Flexible loading during the blast operation
- Automatic PLC control
- Self contained installation without exhaust air ducting
- Quick turnaround, easy assembly and commissioning

Basic data:

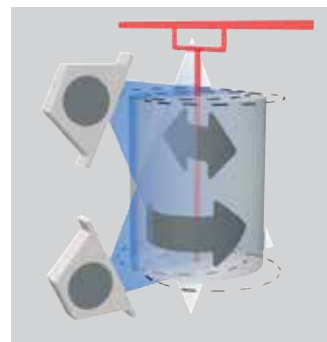
Overhead rail shot blast machines	HB 10/12SL	HB 12/16SL
Max. diameter of workpiece batch	1000	1200
Max. workpiece height (mm)	1200	1600
Max. workpiece weight (kg)	400	400
Number of blast wheels x capacity (kW)	2 x 7.5	2 x 7.5
Option (kW)	2 x 11	2 x 11
Types of abrasive	S110 - 390	S110 - 390
Height of machine (mm)	4135	4840
Width of machine (mm)	2800	3000
Depth of machine (incl. overhead rail) (mm)	3985	4385
Transport dimensions W x L x H (mm)	2200 x 4135 x 2800	2400 x 4840 x 3000
Blast chamber lining material	Manganese hard steel and rubber	Manganese hard steel and rubber
Electric connection power (kW)	20	20
Connection power for option 2 x 11 kW	27	27
Compressed air requirement at 5 - 7 bar (m³/h)	approx. 4	approx. 6
Residual dust content in exhaust air (mg/m³)	< 1	< 1
Colour	RAL 5024, pastel blue	RAL 5024, pastel blue



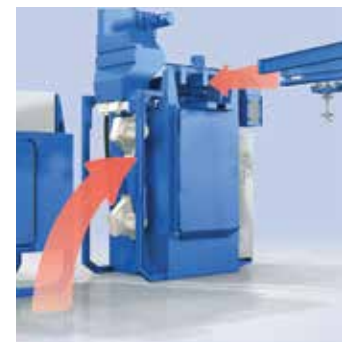
Workpiece batch



Workpiece batch



Combined rotating and oscillation action in the blast cabinet ensures that even difficult to access workpiece surfaces will be reached.



Quick and easy assembly and commissioning

