



Descaling & Profiling Plate & Structural Steel

The Autoblast® Roll Conveyor Shotblast System is a fully automated Wheelabrator® system designed to descale and remove rust from plate and structural members prior to fabrication. The Wheelabrator “PSD” models of shot blast machines have been specially developed to meet the needs of the fabrication industry. This high productivity system effectively cleans large workpieces, eliminating the environmental problems and high labor costs associated with manual air blasting.

An extensive range of roll conveyor blast cabinets is available to accommodate most part sizes. Wheelabrator products include standard and custom systems to meet individual customer requirements.

Specifications

	Model 4-24	Model 6-36	Model 8-36
Workpiece Cleaning:			
Clean Plate	4' wide x 2"	6' wide x 2"	8' wide x 2"
Structural	12" h x 12" w	36" h x 24" w	36" h x 24" w
Pass Plate	52"	78"	8' x 6"
Structural	24" h x 14" w	40" h x 24" w	40" h x 24" w
Misc. (Basket)	6" h x 48" w	6" h x 72" w	6" h x 96" w
Max Load (per ft.)	750 lbs/ft.	750 lbs/ft.	750 lbs/ft.
Blast Wheels:			
Number	4	4	4
EZEFIt HP	20	30	40
Abrasive Velocity	265 ft./sec.		
Cabinet: Blast Zone	Manganese steel construction with in-line wear plates		
Vestibules	Multiple sets of finger seals, high production material handling system		
Abrasive	Steel shot		
Containment Booth	Man load bar grating, lighting fixtures in exit booth		
Roof Slot Seal	Double lip seals and guides at both ends		
Abrasive Reclaim System:			
Floor Hoppers	Screw conveyor system		
Bucket Elevators	Multi-ply belt, cast iron buckets, brake motor, access doors, zero speed switch		
Abrasive Separator	Cascade airwash system for fine and coarse particle removal		
Dust Collector:	Cartridge filter type		



External roll conveyor



Control panel



Dust Collector

technical specifications

Features & Benefits

- EZEFIT™ blast wheels are part of lower maintenance with Target-Trak™ options.
- With the machines low height and pitless designs, cranes can pass over so they can be installed in most bays.
- Routine maintenance and inspection is preformed at floor level.
- Material handling, roll conveyor and work envelopes to suit sizes for individual material handling systems.
- Multiple sizes of machines available to suit plate widths of up to 8' and structural steel to 36" high.
- Local service and support by Wheelabrator.

Accessories

- External spill hoppers
- Dust collector
- Ducting
- Air cannon blow-off
- External roll conveyor
- PLC controls
- Abrasive adder
- Ventilation after-filter
- Work sensing

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