



EUROBLAST MIDDLE EAST

PANGBORN
SES

Blast Cleaning Machines (Vertical)



Types: 4D1100/686V, 4D1500/1000V and 6D2500/1000V

Pangborn SES offers a wide range of low energy, standard blast cleaning systems with 4 or 6 wheel units for vertical section, profile, pipe and occasional plate cleaning. Suitable for small structural steel or fabrication companies or contract blasters with output of up to 80 tonnes of steel per week.

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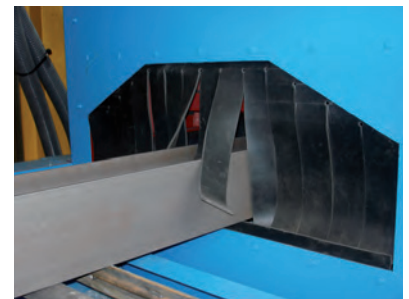
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BLAST CLEANING MACHINES (VERTICAL)



Technical Data, Features & Benefits

Blast Wheel Speed	Variable from 2200 to 3800 RPM when fitted with optional electronic inverter control.
Blast Wheel Type	Pangborn RIM-LOC 8 Vane type reversible rotoblast wheels, achieve faster cleaning and feature the easiest and quickest maintenance vane change in the industry.
Machine Operating Speed	When fitted with 7.5 kW or 11.0 kW wheel motors the average throughput speed is 1.25 m - 1.5 m per minute when cleaning to SA2.5.
Abrasive Control System	Single or individual quadrant valve activated by sensor or manual push button.
Blast Cabinet Protection	Cross rolled manganese steel.
Blast Cabinet Floor	High chrome alloy steel perforated floor plates.
Abrasive Recovery System	Heavy duty screw conveyors, belt and bucket elevator and cascade type airwash unit.



Model	4D1100/686V	4D1500/1000V	6D2500/1000V
Wheel Units	4 @ 7.5 kW	4 @ 11.0 kW	6 @ 11.0 kW
Elevator	1 @ 2.2 kW	1 @ 2.2 kW	1 @ 4.0 kW
Rotary Sieve	-	1 @ 1.5 kW (option)	1 @ 1.5 kW
Vestibule Screws	2 @ 0.75 kW	2 @ 0.75 kW	-
Main Screw	-	-	1 @ 2.2 kW
Inlet Screw	-	-	1 @ 0.75 kW
Outlet Screw	-	-	1 @ 1.5 kW
Airknife Fan	1 @ 5.5 kW	1 @ 7.5 kW	1 @ 11.0 kW
Airknife Rise & Fall	1 @ 0.25 kW	1 @ 0.25 kW	1 @ 0.37 kW
Conveyor Drive	1 @ 1.5 kW	1 @ 1.5 kW	1 @ 3.0 kW
Dust Arrester	1 @ 7.5 kW 6800 m³/hr	1 @ 15.0 kW 10200 m³/hr	1 @ 15.0 kW 13600 m³/hr
Abrasive Control System	single	individual	individual
Compressed air* for shot control and dust arrester pulsing	30 m³/hr @ 5.5 bar	35 m³/hr @ 5.5 bar	40 m³/hr @ 5.5 bar
Max. Section Height**	686 mm	914 mm	1000 mm
Max. Box Section**	350 mm square	700 mm square	1000 mm square
Max. Pipe Diameter**	400 mm	800 mm	1000 mm
Max. Plate Width**	1000 mm	1500 mm	2500 mm
Min-Max Plate Thickness**	4 - 60 mm	5 - 90 mm	5 - 75 mm
Min. Section Length**	3000 mm	3000 mm	3000 mm

*The compressed air can be eliminated by the use of an electrical shot control valve and a tubular bag type dust arrester.

**Small Sections or Profiles pass through the machine in multiples.

Other vertical Blast Cleaning Machine models and versions are available, tailored to customer's needs.

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