Pangborn 1800mm Twin Turbine Rotary Table Blaster



Stock No	SF1115
Manufacturer	Pangborn
Model	6LK-10
Year of Manufacture	2014
Condition	From a working environment, Excellent Condition, Current Model
Work Envelope (WxDxH mm)	1800 x1800mm
Work Handling Method	Manual load/unload
Other Info	Control Panel - 600 x 300 x 1800mm
Location	Our Central Warehouse, Aldridge, UK
Weight (kgs)	7273kg
External Dimensions (WxDxH mm)	3000 x 2800x 4900mm

Description

Rotary table shot blast machines from Pangborn offer total flexibility in your shot blast operations. Whether you are cleaning welded structures and fabrications, cleaning and de-flashing castings, or shot peening dynamically stressed components, the Rotary table shot blast machine, can help reduce the production time required.

Using Pangborn's Patented RIM-LOCK ROTOBLAST Reversible 8 vane wheel, it is ideal for use in foundries, descaling and peening applications The wheel placement allows for multiple impacts on the part, not just one. This ensures that any

part whether short, tall, wide, or narrow is effectively blasted and minimises re-positioning.

With well known reliability, longevity, and progressive engineering, Pangborn Rotary tables represent un-equalled quality and blasting efficiency.

Access to the 1800mm diameter table is via a manganese steel lined door, offering full access to the blast table and ideal for loading by crane or fork truck. The table able to take a substantial tonnage load, it is driven by an indirect drive motor mounted on the underside of the machine.

Media is removed from the chamber by sweeps mounted under the table to direct media into the reclaim chute. From there the media is transferred to the top of the machine by a belt and bucket elevator,

The media is then cleaned and separated by a separation screen and airwash system, before returning it to the main feeder hopper for reuse.

Typical Applications

- Rust and heat scale removal
- Paint stripping
- Surface texturing
- Preparation for painting, bonding and plating
- Corrosion removal
- Deburring, de-flashing
- Cleaning
- Cosmetic finishing

Benefits

- High performance Rotoblast blast wheels designed for reduced maintenance
- Automatic abrasive reclaim and airwash separation for efficient blast media utilisation
- Extremely compact footprint, requiring minimal floor space
- Fully self contained with integrated dust collector and reverse pulse filtration
- No special foundations or additional ducting required
- Heavy duty construction for demanding industrial environments
- Low noise operation
- Automatic operation for consistent blasting
- Full safety interlocks for safe operation

Features & Specification

- 15" diameter reversible 8-vane Rotoblast blast wheels
- Maximum load height: 860mm
- Maximum load capacity: 2272kg
- Abrasive reclaim capacity: 14773kg/hr
- Manganese steel liner protecting the side wall, door and cabinet hinge area

- 20mm thick manganese steel work table
- Perimeter catch hopper for loose abrasive
- Table mounted sweeps direct media into the reclaim chute
- Table rotation up to 5 RPM via direct-drive gearmotor
- Primary power: 460V / 50Hz / 3-phase

Blast Wheel Specification

- Model - RIM-LOC Roto Blast 140/150 DD-2 "R1"
- 415v
- 50hz
- 3ph
- 11kW
- 2950 rpm
- 8 Straight blades

Dust Extraction Fan Motor Specification

- 4kW
- 7.7A
- 2895 rpm
- 4 x Pleated cartridge filters

Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.