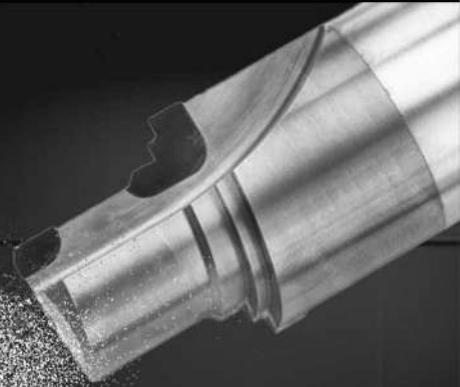




SHOTBLASTING  
An ISO 9001:2015 Certified Company

# Rotary Indexing Machine

## Sand Blasting Machines



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## ◆ Precision Surface Cleaning System

The Rotary Indexing Suction Blast Machine is a versatile solution for cleaning and surface preparation of various components, including utensils, pins, gears, pistons, and frying pans. Equipped with a rotating indexing table, it allows precise positioning of each component, ensuring uniform and accurate blasting. The suction blast mechanism efficiently removes dirt, residue, and other surface contaminants, providing a clean and ready surface for further processing.

Designed for high productivity and consistent results, this machine enhances manufacturing efficiency across multiple applications. Its robust construction, automated operation, and reliable performance make it ideal for industries seeking precision, speed, and superior surface quality in their production processes.



- ▶ Heavy Duty Cabinet
- ▶ Multi Station Indexing Table
- ▶ PLC Control
- ▶ Uniform Surface Finish
- ▶ Dust-Free Operation
- ▶ Low Abrasive Consumption

### ▶ Workpieces



### ◆ Enclosed Blasting Cabinet

A fully enclosed blasting cabinet in operation. An operator is standing in front of the machine, hands inserted into heavy-duty rubber gloves attached to the cabinet. Inside the viewing window, abrasive media is blasting onto a metal component, removing rust and creating a clean surface. Dust is being extracted through the rear-mounted dust collector system, ensuring a clean and safe working environment.



### ◆ Rotary Indexing Work Table

The Rotary Indexing Work Table is designed for automated and semi-automated production lines where multiple operations are performed sequentially. The table rotates in fixed index positions, ensuring precise alignment and high productivity.



### ◆ Cyclone Abrasive Separator

The Cyclone Abrasive Separator is a high-efficiency system designed to separate reusable abrasive media from dust and fine particles during the blasting process. It uses centrifugal force inside a cyclone chamber to clean and classify the abrasive, ensuring only properly sized media is reused.



### ◆ Cyclone Abrasive Separator

A heavy-duty High-Efficiency Dust Collector Unit installed beside a blasting machine inside an industrial workshop. The unit features a vertical cylindrical filter housing mounted on a strong steel frame. Clean air exhausts from the top, while dust particles are collected in a hopper at the bottom. Ducting pipes connect the unit to the blasting cabinet. An access panel and motorized blower are visible on the side.



◆ ROTARY INDEXING MACHINE

◆ ALL BENEFITS AT A GLANCE

- ▶ High Productivity – Continuous step indexing increases output.
- ▶ Accurate Positioning – Precise movement at every station.
- ▶ Multi-Station Working – Multiple operations at one time.
- ▶ Reduced Cycle Time – Faster than manual systems.
- ▶ Heavy-Duty Structure – Strong & durable fabrication.
- ▶ Low Maintenance – Simple and reliable mechanism.
- ▶ Automation Ready – Easy integration with other systems.



**TECHNICAL SPECIFICATION**

<b>ROTARY INDEXING SAND BLASTING MACHINE</b>					
S. No.	Specification	SB-SP-3	SB-SP-4	SB-SP-6	SB-22211
1.	Chamber Size (mm)	1000×1000×900	1300×1300×1100	1300×1300×1100	2200×2200×1100
2.	Overall Size (mm)	2200×2100×2600	3250×3900×3000	3250×3900×3000	4200×4100×3350
3.	Turn Table Dia (mm)	650	1100	1100	1800
4.	No. of Satellites	3	5	6	10
5.	Max Job Dia (mm)	125	350	400	400
6.	Blast Guns (Nos.)	2	4	6	8
7.	Air Req. (CFM @80 PSI)	35	120	160	250
8.	Electric Load (KW)	2.5	3.5	3.5	9.5

Note :- Other sizes available on customization.

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