

# Surface INTERNATIONAL

Automatic Abrasive Blasting & Peening (Air / Airless) Systems, Dust Collector and Blast Room



Machine designed for shot blast cleaning of small or medium size Iron, Steel, Alloy and Non-ferrous Casting, Forgings, Heat Treated Parts, Pressings & Fabrications at the lowest possible cost.

**ROTARY BARREL  
TYPE SHOT  
BLASTING MACHINE  
MODEL : RBF-2**

**ROTARY BARREL TYPE SHOT BLASTING MACHINE  
SMOOTH COMPLEXION FOR METAL SURFACE**



**ROTARY BARREL TYPE  
SHOT BLASTING MACHINE  
MODEL : RBF-1**

**CAPACITY :**

100 Kg. load (1.5 cbft) effective volume for RBF-1 & 150 Kg. load (2 cbft) for RBF-2. The cleaning rate depends on nature of job, degree of surface preparation required and type of abrasive used.

**BLASTING WHEEL :**

The most effective abrasive throwing unit fitted and capable of projecting optimum quantity of abrasive per horse power.

**LOW MAINTENANCE :**

Blast wheel parts manufactured from wear resistant materials plus rugged & sturdy overall construction of machine ensure minimum operations and maintenance cost.

**DESIGN :**

Thorough & gentle tumbling action of the barrel and slow speed rotation of barrel ensures protection of delicate castings.

**CONTROLS :**

All controls are centrally located on the machine itself. All necessary safety features are provided.

**TIMER :**

The machine can be pre-set for blasting cycle by Electronic Timer.

**TECHNICAL SPECIFICATIONS**

SPECIFICATIONS	RBF-2	RBF-1
Overall Dimensions with Dust Collector		
Length (mm)	3400	2600
Depth (mm)	3000	1100
Height (mm)	3800	1800
Size of Rotary Barrel	1000 x 990 L	575 x 625 L
Maximum Loading Capacity of Barrel	150 Kg.	100 Kg.
Material Loading Height (mm)	600	370
Rotary Barrel Motor (HP)	2	1
RPM of Barrel	5 - 6	5 - 7
Blast Wheel Size (dia x width)	12.5" x 2.5"	11.5" x 2"
Blast Wheel RPM	2800	2800
Blast Wheel Motor (HP)	7.5	3
Shot Flow Rate (Kg/hr)	6500	1200
Type of Dust Collector	Fabric bag	Fabric bag
No. of Filter Bags	24	12
Power of Blower (HP)	3	1
Bag Cleaning	Mechanical	Manual
Shaking Motor (HP)	0.5	—

Note : All above dimensions are approx. The system's design may be changed without affecting its rated capacity.

**OTHER PRODUCTS :**

- ⊗ SHOTCRETE & GUNITING MACHINES
- ⊗ GROUT PUMPS
- ⊗ REFRACTORY GUNNING & COKE INJECTION MACHINE
- ⊗ AUTOMATIC & MANUAL BLAST ROOMS
- ⊗ SHOT PEENING MACHINES
- ⊗ SWING TABLE SHOT BLASTING MACHINES
- ⊗ HANGER TYPE SHOT BLASTING MACHINES
- ⊗ TUMBLAST MACHINES
- ⊗ SAND BLASTING MACHINES
- ⊗ SPECIAL PURPOSE SHOT BLASTING MACHINES

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