

PORTABLE ABRASIVE BLASTER

Portable Abrasive Blaster

For Surface Cleaning & Finishing Operations



P-150

P-301R

P-501R

P-601R

P-1001R

P-501RSPL



P-501RSPL

- ☒ Commercial Model
- ☒ Abrasive tank 142 Liters
- ☒ Tungsten Carbide Nozzle 8 mm
- ☒ Blast Hose 25 mm, Length 10 Mtrs
- ☒ Cleaning Rate 11-15 Sq. Mtrs
- ☒ Recommended for Stainless Steel Products & Sheet Thickness Below 4mm



P-1001R

- ☒ High Capacity Model
- ☒ Abrasive tank 284 Liters
- ☒ Tungsten Carbide Nozzle 10 mm
- ☒ Blast Hose 32mm, Length 10 Mtrs
- ☒ Cleaning Rate 15-19Mtrs
- ☒ Recommended for higher output on jobs



P-301R

- ☒ Medium Model
- ☒ Abrasive Tank 85 Liters
- ☒ Tungsten Carbide Nozzle 6mm
- ☒ Blast Hose 19mm, Length 5Mtrs
- ☒ Cleaning rate 5-9 sq. Mtrs
- ☒ Reommended for jobs like fabricated part,



P-501R

- ☒ Commercial Model
- ☒ Abrasive tank 142 Liters
- ☒ Tungsten Carbide Nozzle 8 mm
- ☒ Blast Hose 25 mm, Length 10 Mtrs
- ☒ Cleaning Rate 11-15 Sq. Mtrs
- ☒ Recommended for higher output on jobs like vessels, structures

PORTABLE ABRASIVE BLASTER

Salient Features of P7 Abrasive Blasters



1 AUTOMATIC FILLING VALVE :

The machine is provided with automatic mushroom valve (Filling Valve) for quick refilling of abrasive. Mushroom valve is coated with **tungsten carbide** for long service life.

2 ABRASIVE CONTROL VALVE :

The machine is fitted with pinch valve with hand wheel to control the abrasive flow through blast nozzle.

3 BLAST HOSE :

The imported blast hose has high abrasion resistance with improved mixing valve outlet for longer life, high flexibility with lower bend radius & light weight and electrically antistatic for safe operation.

4 TUNGSTEN CARBIDE VENTURI NOZZLE :

The **long series convergent-divergent** tungsten carbide lined blasting nozzle ensures high velocity, **evenly distributed blast pattern** & higher blasting output and provides lower wear, longer life and greater resistance against breakage.

5 ABRASIVE SIEVING :

A wire screen is fitted with **pneumatic vibrator** to sieve abrasive to avoid blast line choking.

6 ABRASIVE TANK CONSTRUCTION :

Abrasive tank is made of **Boiler quality Steel Plate** in accordance with IS-2825 and hydraulically tested at **250 psi**.

7 AUTOMATIC EXHAUST VALVE :

It vents the pressurized chamber air and thereby machine is depressurised instantly. Valve opens automatically with stop of control air supply to machine and vice-versa.

8 AIR FILTER & PRESSURE GAUGE :

An online air filter and pressure gauge is provided for easy monitoring.

9 BALL VALVE :

The machine is fitted with ball valve having stainless steel ball (An anti-corrosive material) to ensure full air flow without pressure loss.

Portable Abrasive Blasters - Specifications

	P-301R	P-501R	P-1001R
Abrasive capacity	300	500	1000
Metallic (Kg.)	130	230	460
Sand (Kg.)	85	142	284
Volume (Liters)			
Overall dimensions approx			
Height mm	1290	1370	1610
Diameter mm	460	615	760
Weight Kg.	140	180	245
Blast Nozzle Tungsten Carbide lined Office mm	*6	*8	*10
[*Standard size supplied unless ordered otherwise]	5	6, 10	8, 12
Blast Hose ID (mm)	19	25	32
Blast Hose Length (meter)	10	10	10
Recommended Air Hose ID (mm)	19	25	32
Approx Cleaning Rate (Sq. Mtr./Hour) For guidance only	5 to 9	11 to 15	15 to 19
Compressed Air Requirement at 5.63 Kg./sq. Cm (80psi)			
Cubic meter/minute (CFM)	2.41 (85)	3.85 (135)	7.08 (250)
Recommended Abrasive size range BS Mesh	25 to 80	16 to 80	12 to 80



NATIONAL ENTERPRISES

MANUFACTURERS OF : Industrial Blast Rooms, Airless & Air Operated Abrasive Blasting Machines, Shot Peening Plants, Industrial Dust Collectors, Painting Equipments & Booths



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