



AUXILIARY EQUIPMENT:

ACOUSTIC CHAMBER, DUST COLLECTOR, SPRAY BOOTH, ABRASIVE BLASTING MACHINE

THREE BASIC MODELS



Model : PT-301R



Model : PT-501R



Model : PT-1001R



SPECIAL CONTRACTOR MODEL

TECHNICAL SPECIFICATIONS				
Model	PT-301R	PT-501R	PT-1001R	*PT-C-601R
Abrasive Capacity				
Metallic (Kg.)	300	500	1000	600
Sand (Kg.)	130	230	460	276
Volume (Ltrs)	85	142	284	170
Overall Dimensions approx.				
Height (mm)	1170	1370	1610	1500
Diameter (mm)	460	615	760	615
Weight (Kg.)	140	190	245	200
Blast Nozzle Tungsten Carbide lined				
Orifice (mm) (standard size)	6	8	10	10
Blast Hose				
Blast Hose ID (mm)	19	25	32	32
Blast Hose Length (mtr)	5	10	10	10
Recommended Air Hose ID (mm)	19	25	32	32
Approx. Cleaning Rate (sq.Mtr/hour)				
	5 - 9	11 - 15	15 - 19	15 - 19
Compressed Air Requirement (M³/min) at 6.33Kg/Cm²				
	2.4	3.8	7.1	7.1
Recommended Abrasive size (BS Mesh)				
	25 - 80	16 - 80	16 - 80	16 - 80
Remote Control Operation				
	Yes	Yes	Yes	Yes

PORTABLE ABRASIVE BLASTER
For Surface Preparation & Industrial Cleaning

SOME PLUS POINTS

1. AUTOMATIC FILLING VALVE

The machine is provided with automatic mushroom valve (filling valve) duly carbide coated for quick refilling of abrasive & resistant to abrasion.

2. TUNGSTEN CARBIDE CONVERGENT DIVERGENT 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.

3. BLAST HOSE

The blast hose is highly abrasion resistant with electrically antistatic property for safe operation, longer life, high flexibility with lower bend radius and light weight.

4. ABRASIVE CONTROL VALVE

The machine is fitted with pinch valve with hand wheel to control the abrasive flow through blast nozzle & to maintain required air to abrasive ratio.

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 fabricated from tested quality steel plate in accordance with IS-2825 and hydraulically tested at 250 psig.

7. AUTOMATIC EXHAUST VALVE

It vents outlet air and thereby machine is depressurized instantly. Valve opens automatically with stop of air supply to machine and vice-versa.

8. AIR FILTER & PRESSURE GAUGE

An online air filter and pressure gauge is provided.

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.

10. REMOTE CONTROL SYSTEM



DEADMAN HANDLE



It places complete on/off control of machine in the hand of operator at blast nozzle. It saves abrasive and air consumption when operator changes position or performs spot blasting and provides added safety to operator and other personnel in the area. The machine is stopped if nozzle falls accidentally.



OPERATOR WITH SAFETY WEARS & MACHINE

OPERATOR SAFETY WEARS

AIR FED BLASTER'S HELMET:

Rubberised FRP helmet provides the operator's head protection from safety crash and impact of abrasive and still allows a clear view through easily replaceable lens. It provides breathing air to operator to protect him from dust inhalation.

HELMET HOSE:

It channels the purified and cool air supply for breathing to operator during blasting operation.

HELMET AIR CONDITIONER:

It provides cool air to helmet to ensure comfortable environment to operator. The temperature is regulated by adjusting control valve fitted on it.

AIR BREATHER:

It consists of a disposable activated charcoal cartridge filter unit which purifies the incoming air supply to helmet from moisture, oil and dust contaminants. Thus clean air is fed to operator for breathing.

GUM BOOT:

A pair of gum boot provide safety to operator's feet & ensures compliance to industrial safety regulation.

HAND GLOVES:

A pair of Hand Gloves provides safety to operator's hands and ensures compliance to industrial safety regulation.

OPERATOR'S SUIT:

A cotton fabric suit provides safety to operator's body against impact of flying abrasives and dust.

MEC INTERNATIONAL

E-604, EPIP, Boranada, Jodhpur - 342010 (India)

Ph : +91 291 2747601 Fax : 2746359

Email : mec.intl@gmail.com / mecpl@vsnl.com

Web : www.mecinternational.in

BRANCHES

Delhi
011-29248519
mecdly@ndf.vsnl.net.in

Bangalore
09343861755
mecpl.bgl@gmail.com

Mumbai
022-24934370
mecbby@bom5.vsnl.net.in

Secunderabad
040-27813760
mecsec@satyam.net.in