

AUXILIARY EQUIPMENTS

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

'CE' APPROVED



TECHNICAL SPECIFICATION

| Model | PT-301R | PT-601R | PT-1001R | PT-100R-DUO |
|---|---------|---------|----------|-------------|
| Abrasive Capacity Metallic (Kg.) | 300 | 600 | 1000 | 1000 |
| Sand(Kg.) | 130 | 275 | 460 | 460 |
| Volume (Ltrs) | 85 | 200 | 284 | 284 |
| Blast Nozzle Tungsten Carbide lined Orifice (mm) (standard size) | 6 | 8 | 10 | 10 |
| 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 (CFM @ 6 BAR) | 90 | 135 | 250 | 250 |
| Recommended Abrasive size (BSMesh) | 25-80 | 16-80 | 16-80 | 16-80 |
| Remote Control Operation | Yes | Yes | Yes | Yes |
| Continuous Operation | No | No | No | 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 hard coated for long service life.

2. 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.

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. NEW DEVELOPED "MEC CARBIDE METERING VALVE" (OPTIONAL)

MEC Carbide Metering Valve is a New generation abrasive control valve which has following plus points.

- [a]. Efficient abrasive flow control
- [b]. Smooth Controlling
- [c]. Wear Free part duly coated by wear resistance material
- [d]. Maintenance free operation

6. ABRASIVE SIEVING

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

7. ABRASIVE TANK CONSTRUCTION

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

8. AUTOMATIC EXHAUST VALVE WITH SILENCER

It vents tank air and thereby machine is depressurized instantly. valve opens automatically with stop of air supply to machine and vice-versa. Silencer is provided to reduce sound during exhaust.

9. AIR FILTER & PRESSURE GAUGE

An online air filter and pressure gauge is provided.

10. BALL VALVE

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

11. REMOTE CONTROL SYSTEM

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 SAFETY WEARS

- (A). AIR FED BLASTER'S HELMET
- (B). HELMET HOSE
- (C). HELMET AIR CONDITIONER
- (D). AIR BREATHER
- (E). GUM BOOT
- (F). HAND GLOVES
- (G). OPERATOR'S SUIT

CERTIFICATIONS

ISO 9001:2015

AS 9100D, CE

API SPEC Q1

ISO/IEC 17025:2017



METALLIZING EQUIPMENT CO. PVT. LTD.

E-101, MIA, Phase-II, Basni, Jodhpur - 342005 (India)

Ph.: +91 291 2747601 Fax: 2746359

sales@mecpl.com, marketing@mecpl.com, trade@mecpl.com

Web: www.mecpl.com

Noida
011-29248519
mecdly@mecpl.com

Mumbai
022-24934370
mecmby@mecpl.com

Bangalore
(080)25590248
mecbgl@mecpl.com

Secunderabad
040-27813760
mecsec@mecpl.com