

P-05HP Closed circuit pressure fed blasting system

Technical specifications



The P-05HP pressure fed machines are designed to be powerful, easy to use, compact and highly manoeuvrable closed circuit blasting machines. There are variants to suit light or heavy abrasives and compressed air or electrically generated recovery. They are ideally suited to a large number of on-site blasting operations.

The machines utilise a special high performance blast and recovery system enabling them to be used without dust or disposal problems. Spent abrasive dust and debris are recovered continuously and reusable abrasive is recycled to the gun.

Typical applications

- Rust and heat scale removal
- Weld preparation and post weld cleaning

- Surface texturing
- Preparation for painting, bonding and plating
- Corrosion removal
- Paint removal
- Localised removal of damaged coatings
- Print roll etching (in conjunction with a lathe)

Features

- High efficient blast and recovery head
- High powered recovery of abrasive and debris
- Compact and highly manoeuvrable
- Simple to use
- Available with a wide range of brushes to suit different applications

Basic specification:

| | |
|---------------------------------|------------------------------------|
| Dimensions W x D x H: | 990 x 635 x 1470 mm |
| Weight: | 200 kg |
| Nozzle: | 4.7 mm tungsten or boron carbide |
| Operating pressure range: | 1 to 6 bar (16 to 90 psi) |
| Operating hose length supplied: | 12 m (40ft) |
| Abrasive capacity: | 100 kg farrous / 50 kg non-farrous |
| Blast cycle: | 20 - 26 minutes |

Recommended media:

| | |
|------------------|-----------------|
| Glass beads: | 45/85 - 600/800 |
| Aluminium oxide: | 30 - 180 |
| Chilled Iron: | GO5 - G17 |

Closed circuit range parameters:

| Model | Dimensions W x D x H mm | Weight kg | Air consumption m ³ /min (cfm) | Nozzle size mm or gun size | Max. hose length m |
|---------|-------------------------|-----------|---|----------------------------|--------------------|
| S-03: | 360 x 280 x 750 | 23 | 1.4 (48) | 24 cfm gun | 12 |
| S-04: | 890 x 500 x 1270 | 86 | 2.0 (72) | 36 cfm gun | 12 |
| P-04M: | 470 x 455 x 1035 | 57 | 2.2 (78) | 4.0 | 12 |
| P-05HP: | 1060 x 640 x 1750 | 240 | 2.7 (98) | 4.7 | 15 |
| P-06-2 | 1470 x 720 x 2150 | 460 | 4.5 (160) | 6.4 | 15.2 |
| P-08-2: | 1470 x 720 x 2150 | 460 | 7.0 (250) | 8.0 | 15.2 |



Heavy duty valves are used to ensure reliability in severe operating conditions



Suitable for use in a wide variety of applications and locations

For more information please contact:

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