

BRS Vacuumsandblåser



The BRS Blast Recovery System is an electrically operated, pressure-feed closed-circuit blast machine, which can be used where open-air blasting is prohibited, or is not possible or practical. Blasting and simultaneous media recovery are initiated by pulling the DMH handle. Keeping the blast area clean allows the operator to blast without the need to encapsulate the area or wear respiratory protective equipment.

APPLICATION

Closed-circuit abrasive blast cleaning, ideal for indoor blasting where dust and abrasive contaminants should be avoided, for the blasting of welding seams and for spot repairs. Used blast media are recyclable non-metallic media: glass bead, aluminum oxide (corundum).

STANDARD DELIVERY

BRS systems are mounted on the portable frame and include a cyclone dust separator and media reclaimer, a dust collector with a cartridge filter and automatic pulse jet filter cleaning, a fully pneumatic remote control and blast pressure control, an adjustment device and a compressed-air moisture filter. The BRS system includes a combined blast and vacuum head, fitted with a nylon-bristle brush that presses against the blast surface. The BRS recovery head assembly comprises a blast nozzle and a vacuum hose, which evacuates dust and the rebounding abrasive following its contact with the blast surface. This BRS recovery head contains the abrasive and keeps the surrounding area clean. DMH handle.

FUNCTIONAL CHARACTERISTICS

- portable design
- electrically driven powerful vacuum
- dust cyclone separator with removable screen
- dust collector with cartridge filter
- pulse jet filter cleaning with timer control
- adjustable blasting pressure
- compressed air filter /moisture separator



1 BLAST AND VACUUM RECOVERY HEADS H1 / H2



2 WIDE BLAST TRACE



3 PRECISE BLAST PRESSURE ADJUSTMENT DIRECTLY ON THE CONTROL PANEL

TECHNICAL DATA

| | BRS-3 | BRS-5 |
|--------------------------------------|---------------|---------------|
| Dimensions D x W x H, mm | 1800x550x1820 | 1800x550x2050 |
| Blast and vacuum hose length, m | 5 | 10 |
| Blast nozzle | SBC-5 | SBC-6,5 |
| Blast and vacuum recovery head, type | H1 | H2 |
| Blast machine type | CBS-25 | CBS-50 |
| Cyclone reclaimer, type | R-350 | R-400 |
| Filter area, m ² | 7,5 | 11 |
| Filter cartridge pulse jet cleaned | Yes | Yes |
| Electrical connection | 3,0 kW, 380V~ | 5,5 kW, 380V~ |

ORDERING CODES

| Article No. | Type | Description |
|--------------------|-------------|--|
| 10300001 | BRS-3 | Portable closed-circuit Blast Recovery System, standard delivery |
| 10300002 | BRS-5 | Portable closed-circuit Blast Recovery System, standard delivery |