

High-pressure Ultra Clean unit

HPE-250-50-S7-Cx (V3AM)



High pressure cleaning Equipment
for optimal surface preparation with use of water only.
Application item: Industrial cleaning - Paint stripping
Water jet cleaning machine - Electrical series 2500 bar.

Technical data

Skid complete equipment dimension	2750 x 1400 x H1700 mm
Water inlet connection (centralized)	G 1" (F)
Flow inlet requirement	min.x → 1.5x nominal waterflow of the pump, dependent on the stem set
Inlet pressure	min. → 3.0 bar (from booster pump installed) max. → 6.0 bar
Flow temperature	min. → +5 °C max. → +30 °C
Emission sound pressure level according to DIN EN ISO 11200	≥ 75 dB(A)
Pressure	max. → 2500 bar
Water flow @ 2500 bar	max. → 10,7 l/min
Water inlet quality	approx. → 2 - 3° F hardness (consult technical sheet)
Compressed air consumption (n.1 gun)	max. → 980 Nlt/min. @6,3 bar
Power to be installed	max. → 45 kW
Alternating pumping stem	Airmation special type with hard material substrate
Manometer solid front safety laminated glass	0 - 4000 bar certified with serial number

NOTE: technical changes are reserved to the producer for definitive version.

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↑ Bi mode valve ass.y: BMC-1A2U-3000-V2x
Installed inplace- connected with hoses to gun
Device for safety selection of gun 1 / gun 2

Technical characteristics:

- SKID for complete support of all the equipment
- N. 1 Manual rotating gun (complete with n. 4 jet)
- N. 1 Automatic rotating gun (complete with n. 4 jet)
- N. 2 set of flexible hoses to guns (10 mt. length)
- N. 1 Bi mode valve ass.y (to select gun 1 of gun 2)
- Booster pump for water pre-charge and high efficiency filtration
- Tank with min. level reading and automatic water reintegration
- Temperature sensor control (water in)
- Pressure sensor control (water to charge)
- Filtering system with 3 stages filtration (300-10-5 micron)
- Electric cabinet with led controls and emergency bottom
- Integrated inverter (to select working pressure)
- Max pressure safety device with special calibrated rupture disk
- Special manometer (all inox safety device) for pressure reading
- By-pass with pneumatic remote piloting (on-off interventions)
- External and complete soundproofed carter

Optional:

- Automatic gun for cleaning operations - flexible hose to gun
- Trolley for ground surface
- Robot for automatic cleaning operation

↓ Manual rotating gun:
AM3750-S2-26N (4 jet)
Heavy duty component 3750 bar



↑ Automatic rotating gun:
AR3750-S1 (4 jet)
Heavy duty component 3750 bar



↑ Application example:
automatic gun on Robot



↑ Bi mode valve ass.y:
BMC-1A2U-3000-V2x
Body construction