

M4

DESIGNED TO MEET THE CHALLENGES OF STEEL SURFACE PREPARATION

- ✓ Safe, clean and efficient one man operation
- ✓ No clean-up costs
- ✓ Eliminates access requirements (scaffolding, cherrypickers, etc.)
- ✓ Fast and efficient removal of industrial coatings and corrosion combined with a vacuum closed circuit
- ✓ Easy accessibility to all horizontal, overhead and vertical surfaces (40 cm/15,75inch wide blasting pattern)
- ✓ Wireless remote controlled operating system
- ✓ Full service package

M4

The M4 enable shipyards, off shore, petrochemical and a wide range of other industries to blast steel surfaces, faster, safer, environmentally friendly and more cost- effective than possible with grit or manual UHP blasting while allowing other trades to simultaneously perform other maintenance procedures. The vacuum head mounted on the robot ensures a closed circuit with an 40 cm wide blast pattern.

The M4 offers a significant advantage over the traditional methods to remove industrial coatings and corrosion.

The M4 is designed for all horizontal, overhead and vertical steel blasting or customer specific designed applications. The M4 is remotely controlled for operator safety, comfort and productivity. The light weight construction and quick (dis)connect systems reduce the buildup time to approximately 10 minutes.

The M4 Adheres to the wall by a magnetic drive assembly that can be moved independently. There is no need for crane assistance or cherry pickers.



Technical specifications


General

Cleaning Width	400 mm / 15,75 inch
Dimensions	900 x 1100 x 430 mm / 35 x 43 x 17 inch
Robot Weight	73 kg / 160 lbs
UHP Parts	Self rotating nozzle cross with 16 x M10 nozzles
UHP Capacity	Max. 3000 bar @ 45 l/min / 40000 psi @ 12 gal/min
UHP Connection	9/16" UNF LH
Vacuum connection	3" Storz connection
Vacuum capacity	Min. 1000 m ³ /h / 35000 ft ³ /h
Average production rate	40 m ² /h / 430 ft ² /h

Electric version

Control box	Stainless steel IP66
Connector	Schuko plug (CEE 7/4)
Power supply	230 VAC - 50 Hz - 16 Amp (alternative power supply upon request)
Cable length (Robot > Control box)	50 meter / 164 feet (extendable, up to 100mtr)
Wireless remote control	128 bit connection, IP65 housing, range up to 100mtr

Pneumatic version

Control box	Stainless steel IP66
Connector	Claw coupling 1/2"
Air consumption	Max. 1500 l/min / 396 gal/min
Air pressure	6-7 bar / 85-100 psi
Hose length (Robot > Control box)	50 meter / 164 feet
 ATEX zone 2	Available upon request

