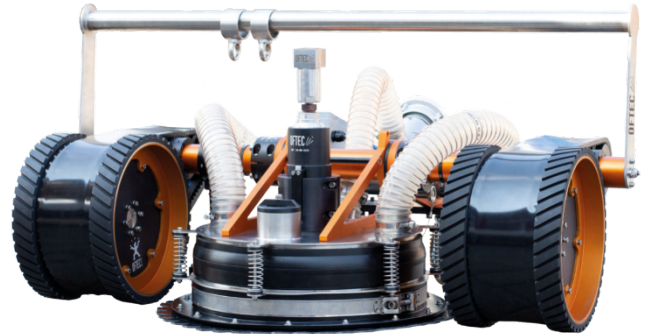


Magnet Crawler VacuMag 3000

The VacuMag 3000 was developed for safe high-pressure water work on vertical, horizontal and overhead steel surfaces. All process and waste water is extracted with assistance of a vacuum system.



The built-in self-rotating rotary union DDF 160-MB 3000 contains an adjustable magnetic brake, hence optimum speed can be set easily and quickly from outside (optionally adjustable via remote control). Vacuum pot containing solid nozzle arm with a special nozzle arrangement for efficient coating removal.

EASIER, SAFER AND MORE ENVIRONMENTALLY FRIENDLY

Robots offer significant advantages over traditional methods of surface preparation and industrial cleaning:

- Universal applications
- No need for scaffolding or cherry pickers
- Turns the work into a one-persons job
- Safe, clean and efficient procedure
- Closed loop process water systems available
- Low maintenance robotic technology
- User-friendly operation

Technical data:

max. operating pressure	3.000 bar
max. flow rate	45 l/min
Magnets	Permanent magnets, encapsulated in stainless steel
Voltage drive motors	36 V
Weight crawler approx.	96 kg
Control cable length	50 m (50 m extension optionally)
HD connection	M30x2 or M26x1.5
Control system	mobile control unit made of stainless steel
Dimensions and weight	approx. 45 kg
(L, W, H)	1,200 x 600 x 600 mm
IP protection class	IP 65
Connections CEE	110 - 230 V

Ultra-high pressure blasting

Max. 3.000 bar - 30 l/min

Max. 2.500 bar - 45 l/min

For removing paints and coatings

High-pressure water washing

Max. 1000 bar - 60 l/min

For removing dirt, deposits and rust

Security

- Wireless control allows working from a safe distance
- No working on scaffolding or cherry pickers
- Safe and easy access to all horizontal, overhead and vertical surfaces
- Sensor technology ensures pump shuts off if contact with steel surface is lost

Cost-efficient

- 85% cost reduction
- Fewer working hours
- Less staff
- Up to 40m³

Productivity

- Up to five times faster than manual work
- Reduces operator fatigue
- 24/7 trouble free working
- Transforms work into a one-man job
- Six times more efficient than manual work

User-friendly

- Remote controlled system
- Fits through a manhole
- GPS and remote maintenance

Environmental impact

- Less water is used for the same work compared to manual work

Quality & Service

- 24/7 Full Service Package
- Consistent and high quality
- Own development and production
- Made in Germany