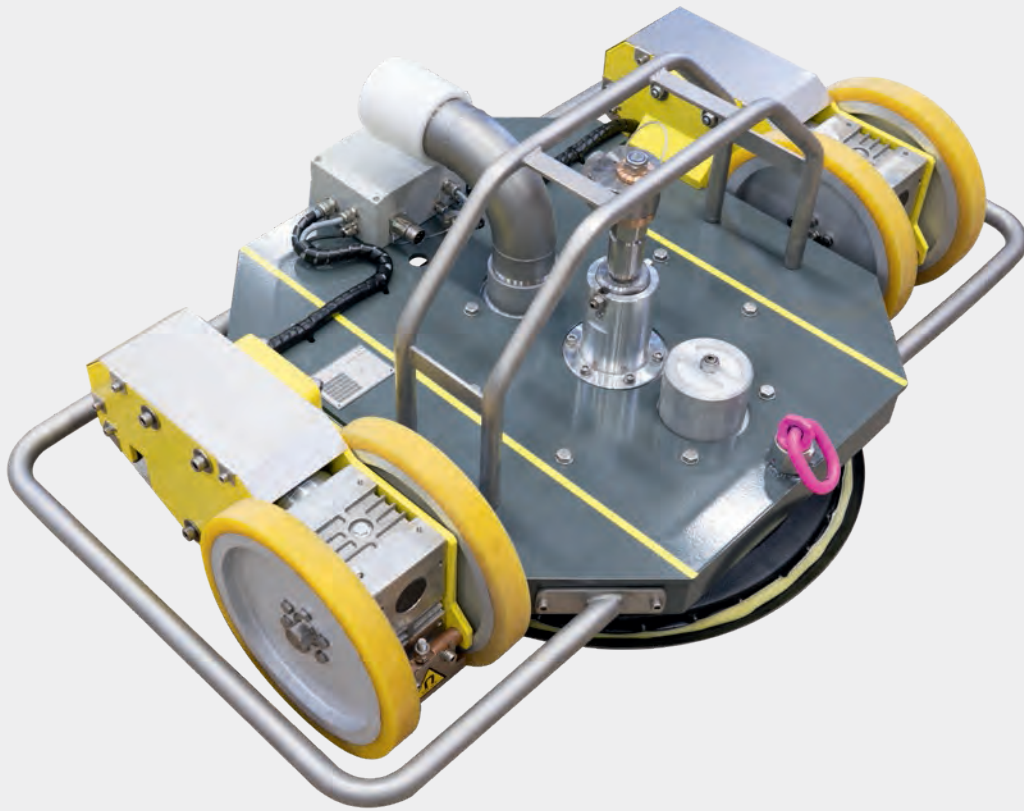


Surface preparation systems

Spiderjet M and Spiderjet V

Highly mobile, self-adhesive surface preparation system with vacuum system

Great area performance

Safe operation

Extraction with filter

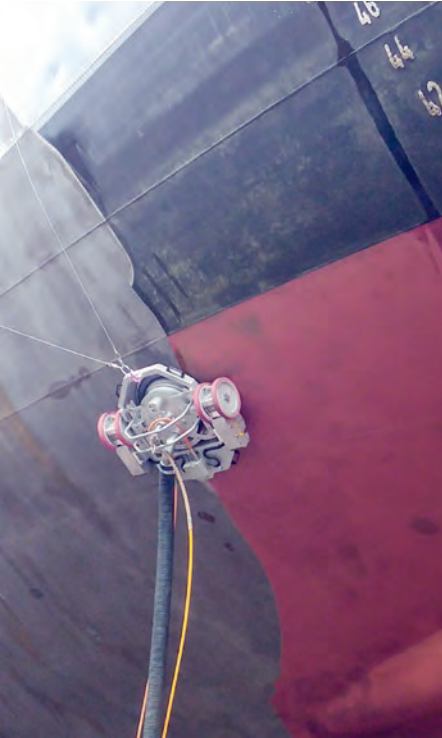
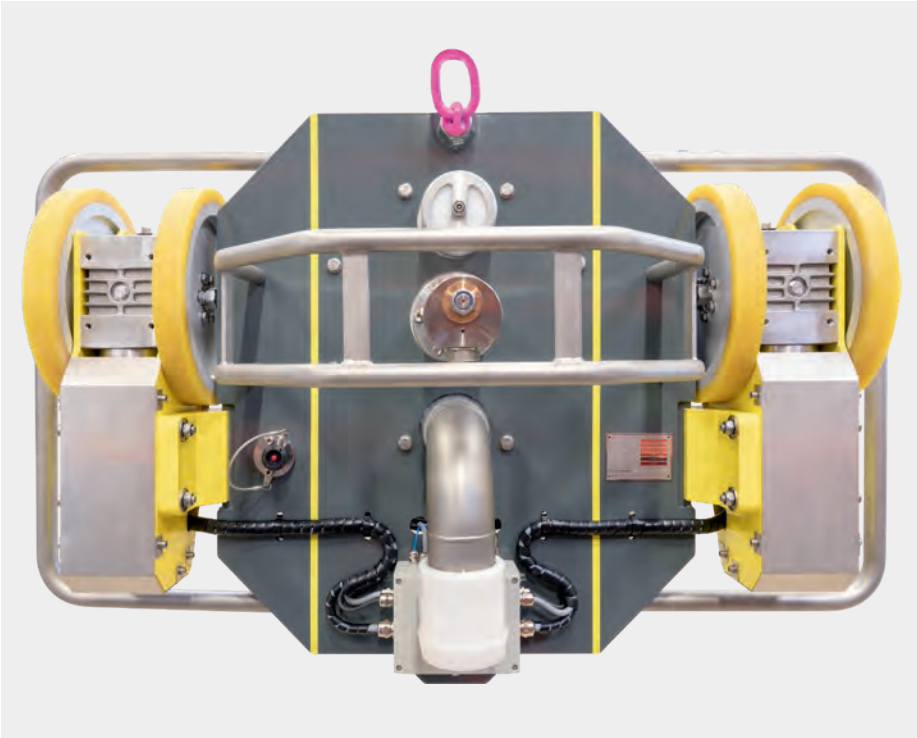
Highly mobile

Other versions

Remote controlled

SPIDERJET – SURFACE PREPARATION SYSTEMS

Spiderjet® V – vacuum



The Spiderjet V is held on the work surface by a vacuum, which at the same time suctions off the removed waste material and waste water.



Separation tank



Vacuum collector



Vacuum collector

Technical data - Spiderjet V:

Working width: 374 mm
Operation pressure: up to 3000 bar
Flow rate: up to 50 l/min
Weight: 95 kg
Max. operation speed: 0–7 m/min

Vacuum:

Depending on the nature of the surface
approx. 0.5 bar
Suction connection: DN 100

Suction Power @ 500 mbar: 1900 m³/h
Max. vacuum: 500 mbar
Vacuum generator: Roots - rotary piston blower
Electric motor: 45 kW
Length: 2335 mm
Width: 1500 mm
Height: 2380 mm

Separation tank:
Capacity: 3 m³
Length: 2350 mm
Width: 2350 mm
Height: 4200 mm

Vacuum collector - 1900
660 m³/h
500 mbar
Roots - rotary piston blower
15 kW

Vacuum collector - 660
1750 mm
970 mm
2180 mm

Spiderjet® M – Magnet

The Spiderjet M is attached to the work surface with permanent magnets and the vacuum system, which also retrieves all waste water and removed solids.

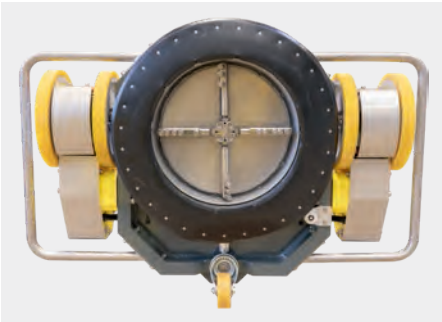
Technical data - Spiderjet M:

Working width: 374 mm
Operation pressure: up to 3000 bar
Flow rate: up to 50 l/min

Weight: 113 kg
Max. operation speed: 0–7 m/min

Technical data relevant for both versions:

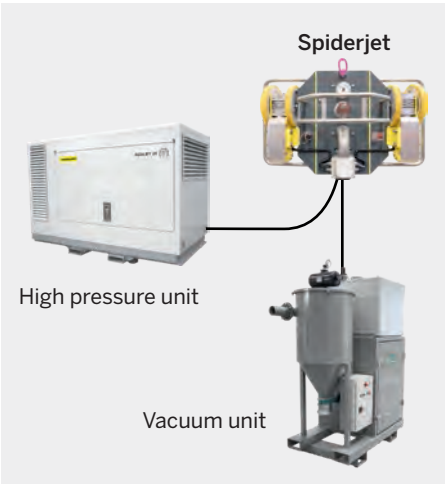
- Maximum manoeuvrability via two individually, electrically driven wheels
- Radio remote control
- Secured by a double fall arrest system
- Special nozzle layout ensures uniform distribution of the high pressure water across the working width
- Nozzle holder is self-propelled due to the reaction force of the high pressure water jets
- Rotation speed can be varied with the spraybar angle
- Rotary joint with dynamic high pressure seals, leakage-free, long service intervals



Drive system with suction dome



Radio remote control



High pressure unit

Vacuum unit



Preparation of the ship hull bottom

Factory Oelde



Certifications

DIN EN ISO 9001
DIN EN ISO 14001
DIN EN ISO 50001
BS OHSAS 18001
TÜV ATEX 2524 X
ASME-U
Achilles



Hammelmann service worldwide

Subsidiaries in USA, China, Australia, Brazil, Spain, France, Switzerland and 40 agents and distributors worldwide.



sales@calder.co.uk
+44 1905 751790
www.calderltd.com

