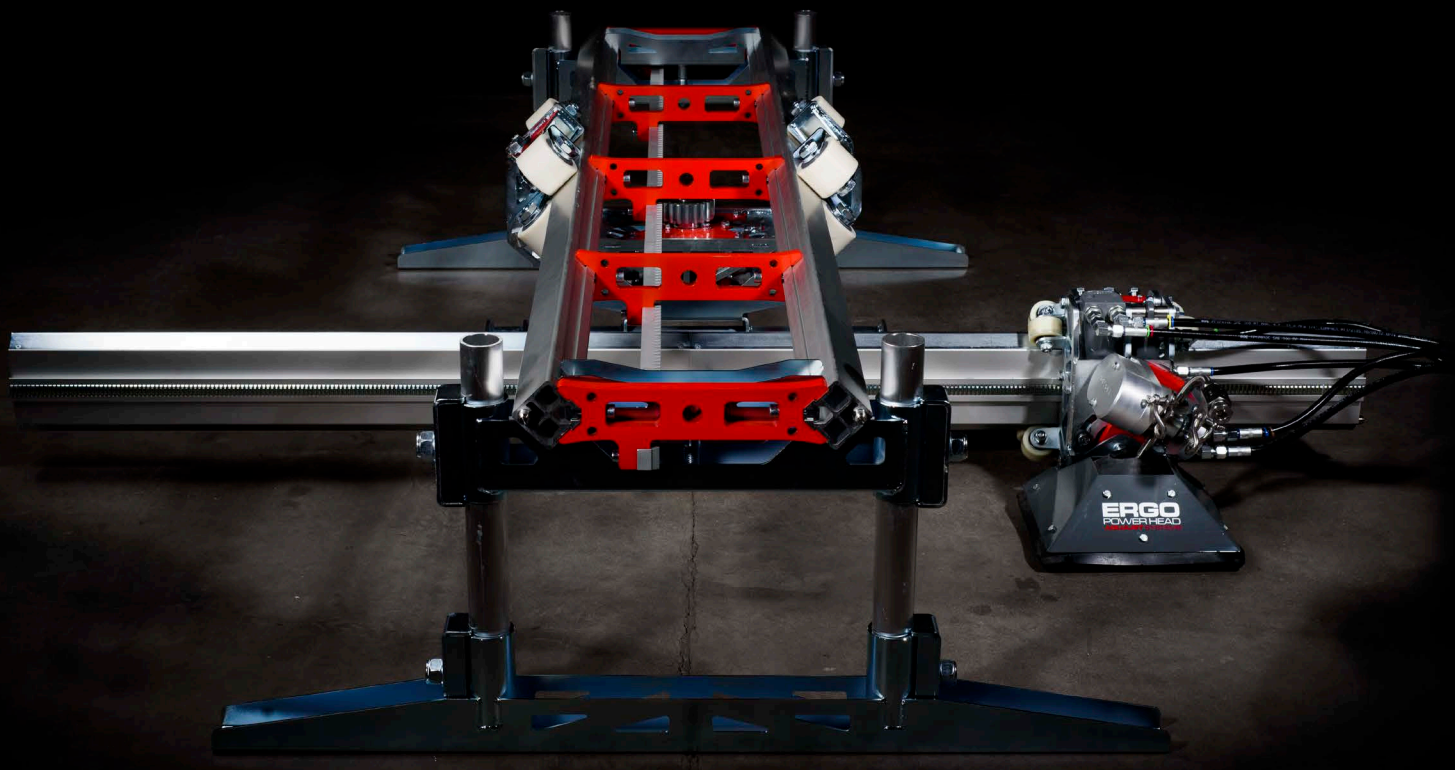
ERGO SPINE GO
Hydrodemolition robot

Flexible hydrodemolition system



AQUAJET

Flexible hydrodemolition system

The Ergo Spine Go is an innovative and powerful hydrodemolition alternative for the most challenging spaces to work, opening up the productivity of robotic hydrodemolition to nearly anybody in any location. The system is easily mounted to any vertical, horizontal or overhead surface for unrivaled maneuverability. Coupled with the convenience and portability of the Ergo system, a lightweight yet formidable hydrodemolition solution is a sure thing.

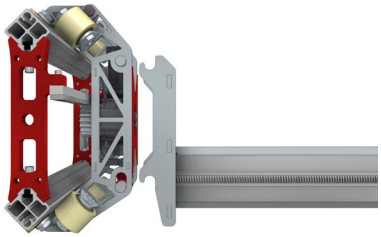
The Ergo Spine Go includes an Ergo Spine, Ergo Controller and a power head attached with a single bolt to a roller beam, which is connected to a spine roller mounted on a spine rail. Depending on the configuration, the setup may be supported by standard support legs, or the spine rail may be attached directly to a surface.

The roller beam and spine rail robotically position the power head as it moves along. As it maneuvers, the Ergo Controller's intelligent sensing controls automatically adjust the water jet to control the concrete removal depth. As the power head moves along the Ergo Spine, it removes concrete in sections as small as 0.25 meter (9.8 inches) up to 2 meters (6.6 feet), leaving the rebar clean and undamaged.

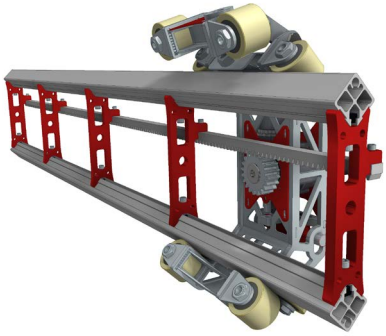
Key features
All parts can be carried by one person and all connection points are with a singe bolt. We use the same bolt size for connections between spine parts and all intersection points are marked with red. The Ergo Spine features a low weight, high strength skeleton base with a wheel setup that divides forces for the ability to handle high reaction forces.

Setups
The Spine's standard setup easily tackles concrete walls, floors and ceilings while the side setup delivers hydrodemolition power to narrow spaces.



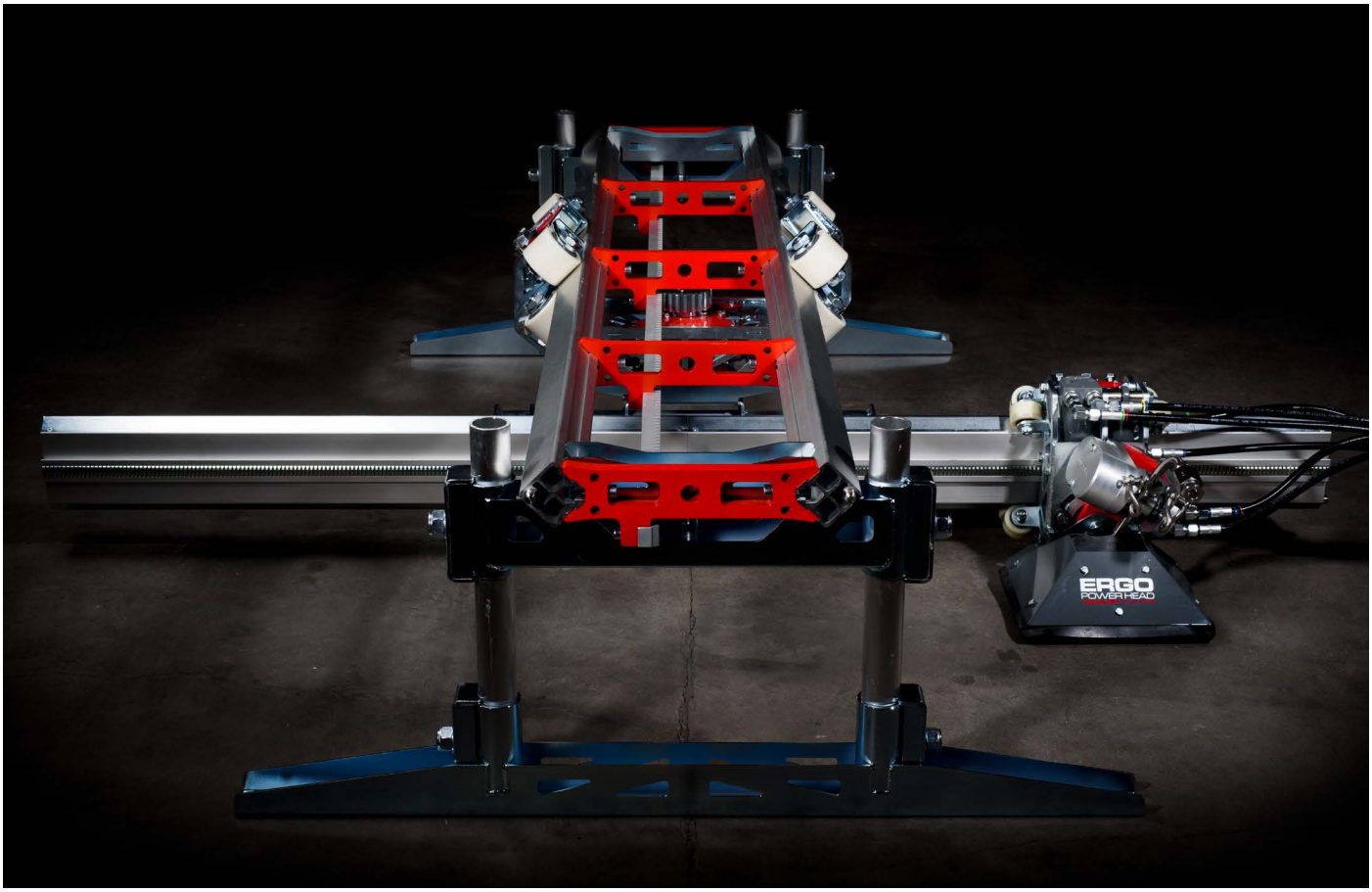


Quick connection with a single bolt for different brackets and tools.



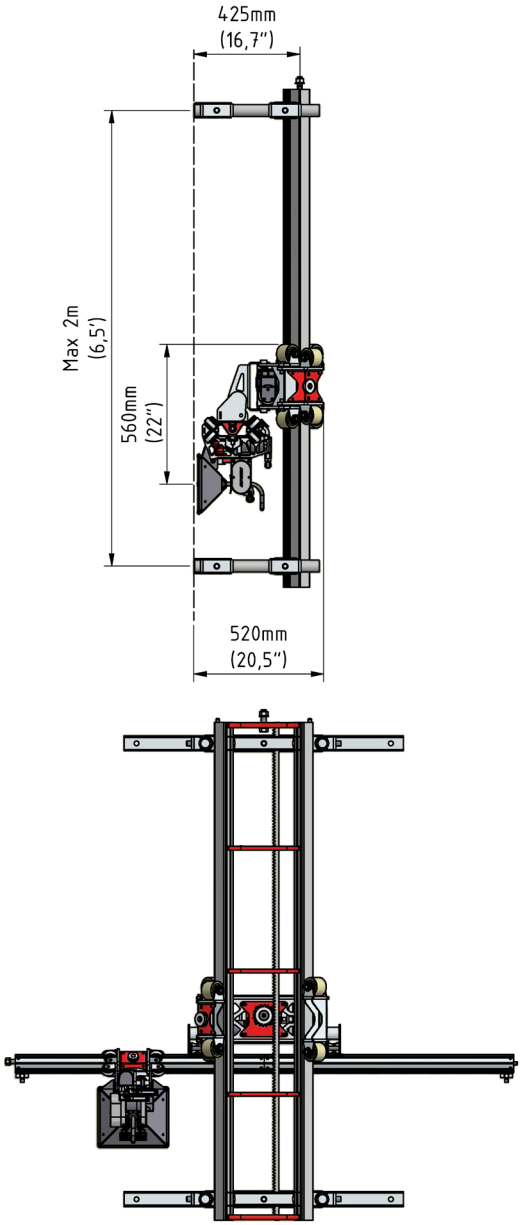
The spine roller is connected to the spine rail with a single bolt.





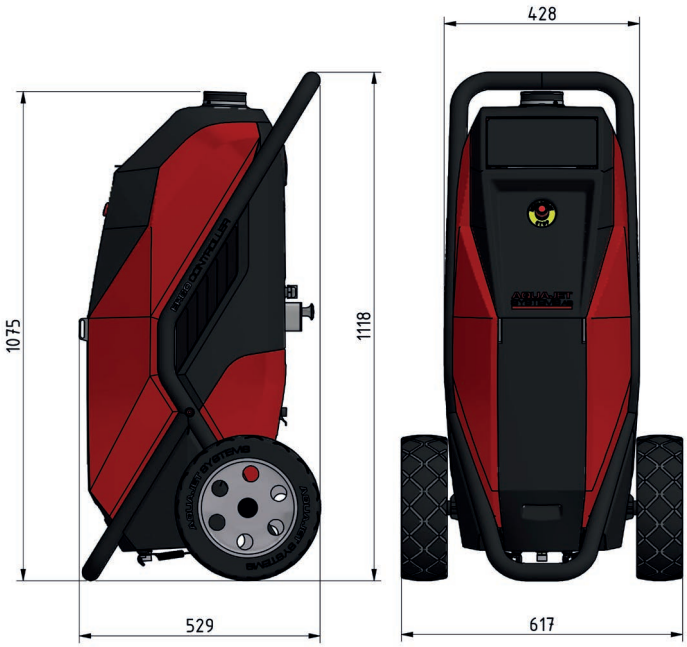
Ergo Spine go

FACTS



Facts

Working width	0-2,0 m (0-6,6 ft)
Max length between supports	2.0 m (6,6 ft)
Min clearance height	320-500 mm (12,6-19,7 in)
Roller beam lengths	0,25/0,5m/1,0m (0,8/1,6/3,3 ft)
Lance angle	±45°
Oscillation steps	8° / 22mm (0,9 in), 14° / 42mm (1,7 in)
Power Head weight	23 kg (51 lb) / 37 kg (82 lb)
Ergo Spine Roller	28 kg (62 lb)
Ergo Spine dual rail section (1,0m)	11 kg (24 lb)
Controller weight	98 kg (216 lb) dry, 124 kg (273 lb) with oil
Max reaction force	1000N / 2000N



AQS043E 2112

Call us: + 46 383 508 01
E-mail us: aquajet@aquajet.se
Visit us: Brunnsvägen 15, SE-574 53 Holsbybrunn, SWEDEN
www.aquajet.se

AQUAJET