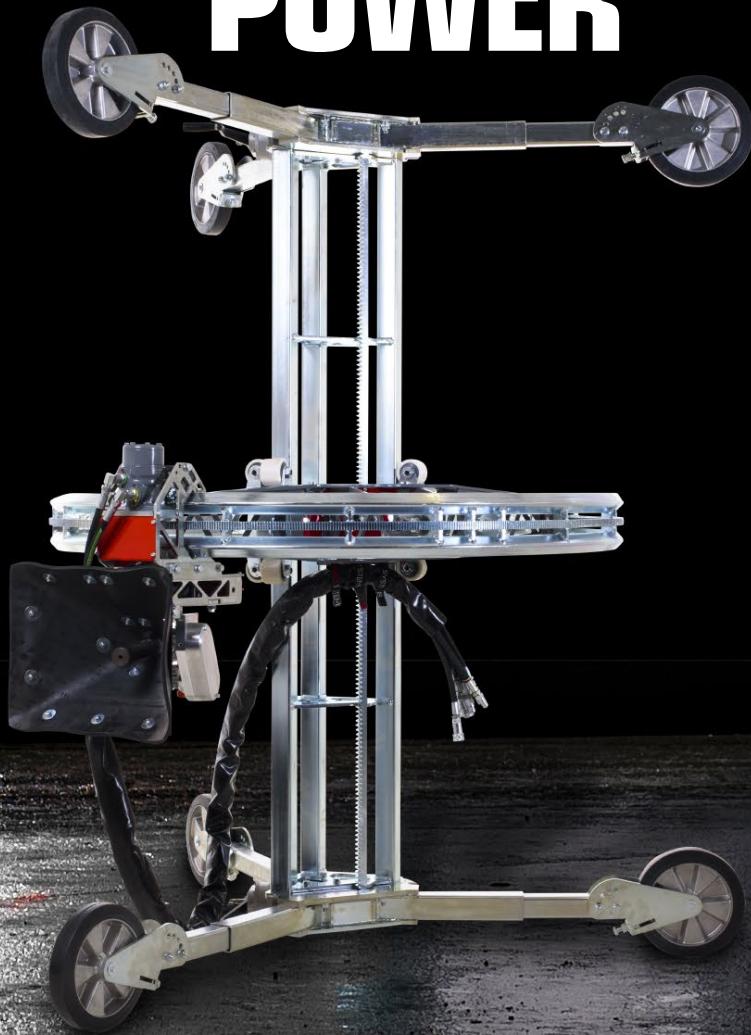


AQUA CENTRALIZER

CENTRALIZED POWER



AQUAJET ACCESSORIES

AQUAJET



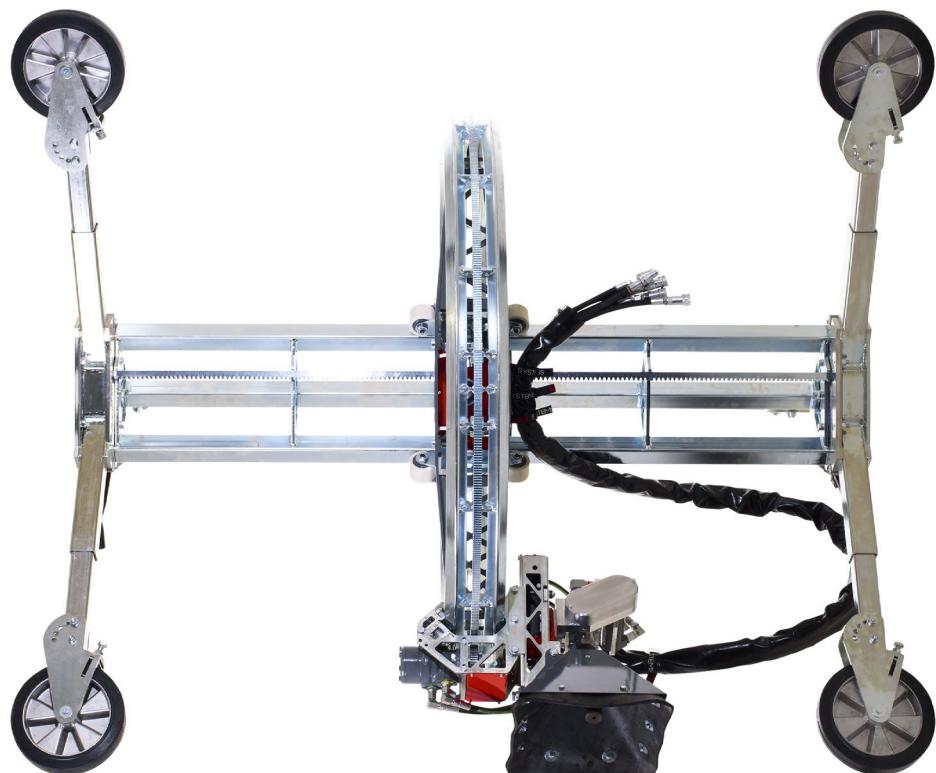
Aqua Centralizer

ACCESSORIES

Centralized power

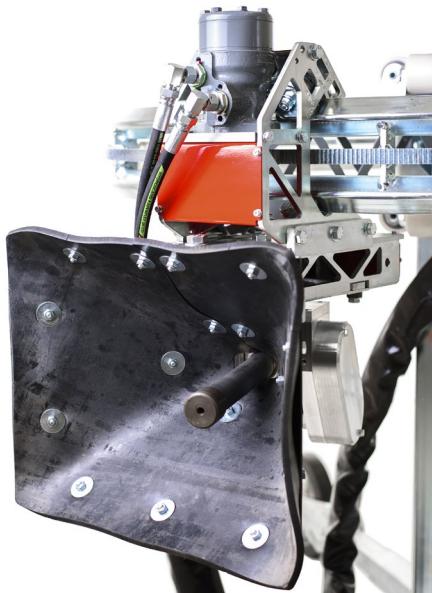
The centralizer is a 360° ring mounted on an Aqua Spine base that can be used for treating pipes or round tunnels from the inside.

The Power Head can work a pre-set angle inside the tunnel or it can work the full range 360°. The power head and ring assembly indexes automatically along the spine rail to complete a whole tunnel section. It can operate both in horizontal tunnels or vertical/inclined tunnels where it can be positioned with a hoist device.



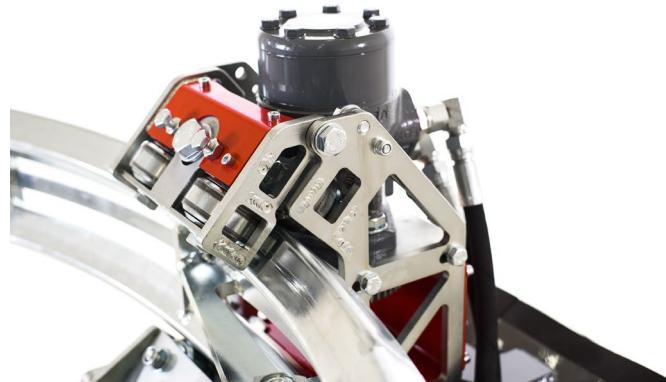
POWER HEAD

25° adjustable lance angle and adjustable stroke of oscillation. The head can be reversed to handle both inside pipes and outside pillars if used on the Circular Power Head.

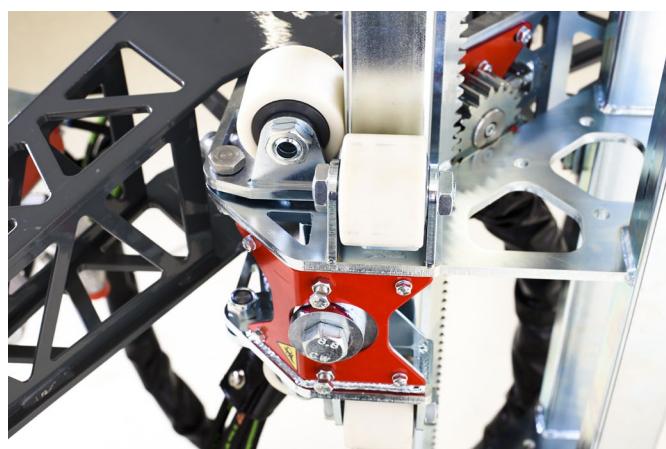


CONNECT THE POWER HEAD

The power head is easy to attach to the ring curved rail? And secured with one single bolt.



The Spine roller is attached to the spine rail in the same way.

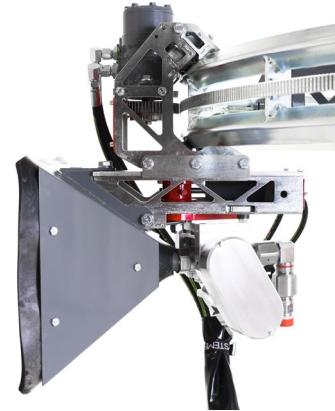


ADJUSTABLE DIAMETER

Centralizer rings are available in following diameters:

- 1,0m (fits 1,5-2,0m tunnel)
- 1,5m (fits 2,0-2,5m tunnel)
- 2,0m (fits 2,5-3,0m tunnel)

The bottom of the power head slides 250mm in and out to cover different pipe diameters in the 0,5m range between the different ring diameters.



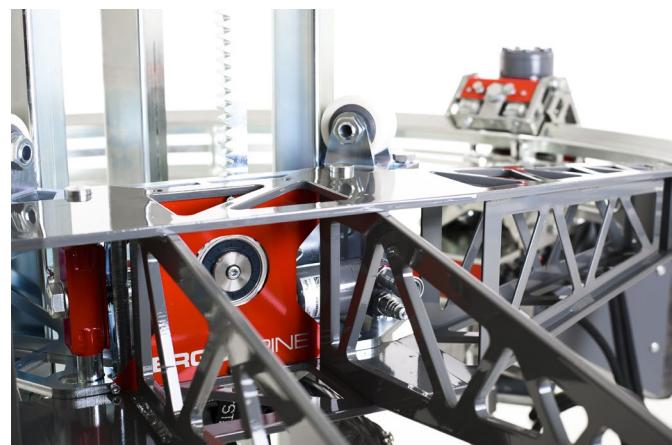
CENTRALIZER

Triple support wheels that centers itself and crank handle with two gear ratios, low and high. Centralizer support fits in tunnels with diameters 1,5-3,0 meters.



AQUA SPINE

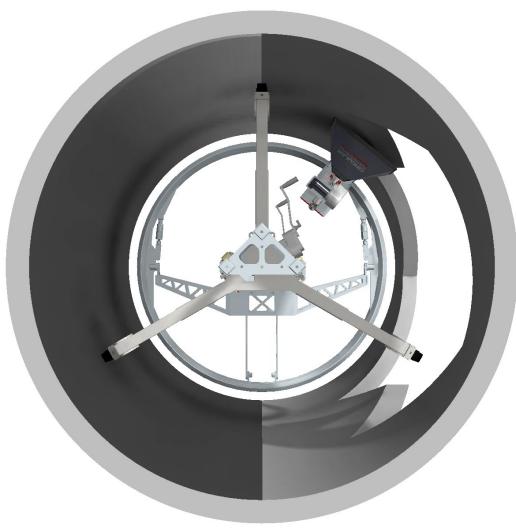
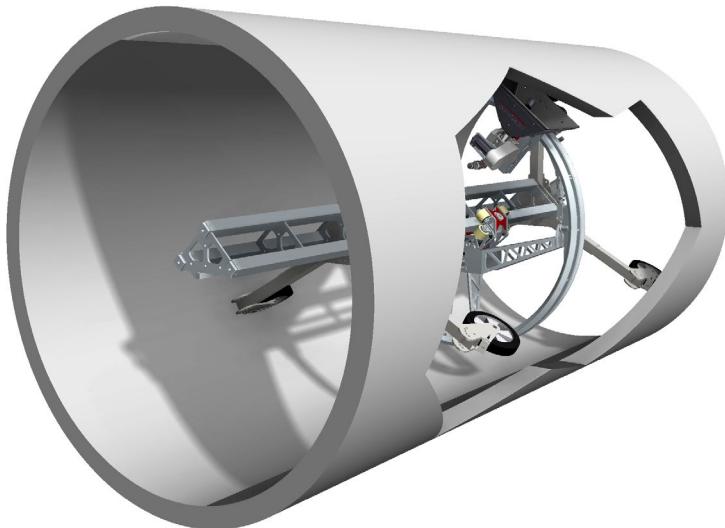
The base of the Aqua Centralizer is the triple rail from the Aqua Spine system, which means it can be built up to 6 meters between the two centralizer supports. The Triple rail can also be mounted in front of the support to reach all the way into a dead end of a pipe.





Aqua Centralizer

FACTS



Working diameter with ø1,0m ring

ø1,5-2,0m (4,9-6,5 ft)

Working diameter with ø1,5m ring

ø2,0-2,5m (6,5-8,2 ft)

Working diameter with ø2,0m ring

ø2,5-3,0m (8,2-9,8 ft)

Max length between supports leg

6,0 m (6,6 ft)

Spine rail sections

0,5/1,0/2,0/3,0m

Max length on Spine rail outside

1m (3,3 ft)

Lance angle

±25°

Oscillation step 1

5° / 26mm (1,0 in)

Oscillation step 2

9° / 48mm (2,0 in)

Oscillation step 3

14° / 74mm (2,5 in)

Lance adjustment in-out

250mm (9,8 in)

Total weight with ring ø1,5m (4,9 ft)

420 kg (925 lb)

Total weight complete with all rings

590 kg (1300 lb)

Max reaction force

2000 N

Roller speed

AUTO

Indexing speed

AUTO

Max water depth continuous

1m (3,3 ft)

Max water depth intermittent

10m (33 ft)

Max hydraulic pressure

160 bar

Operational hydraulic pressure

110 bar

Hydraulic oil type

ISO VG32

Hoist gear oil type

ISO VG320-460

Hoist gear oil volume

0,08 l



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