

MULTI-MODULAR RAIL SYSTEM

AQUA RAIL SYSTEM 3.0

The Aqua Rail System 3.0 is a multi-modular, configurable solution that extends hydrodemolition capabilities in complex environments. With two rail families—Aqua Spine and Ergo Climber—it adapts to both linear and circular applications, from tunnels and pillars to walls and decks, offering unmatched flexibility, efficiency, and precision for all types of projects.



Multi-modular system with adaptable solutions for every challenge.



AQUA RAIL SYSTEM

BUILD YOUR OWN

The Aqua Rail System 3.0 is a versatile, multi-modular solution for hydrodemolition in tough environments, built for maximum flexibility and performance. Designed for configurability, it adapts to each project, ensuring the right setup every time. With its scalable design, the system can be reconfigured or expanded with additional components, reducing the need for new setups and saving time and resources.

For more information about the system and how it can be adapted to your specific project, contact Aquajet directly.

6 steps to configure

1 – CHOOSE YOUR METHOD

Start with either **Linear** or **Circular** hydrodemolition, depending on whether you're working on flat or curved surfaces.



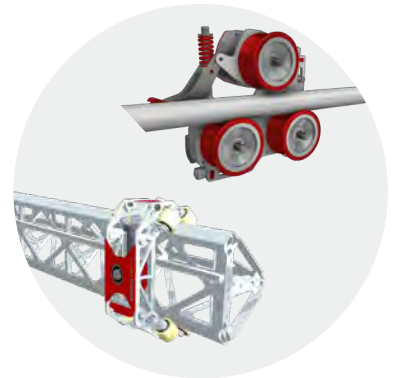
2 – SELECT POWER UNIT

The Aqua Rail system are compatible with all Aqua Cutter 3.0 robots as well as the Ergo Controller 3.0.



3 – SELECT RAIL SYSTEM

Based on the project size, goals and the Power Unit in use, pick between the Aqua Spine or the Ergo Climber as your foundation.

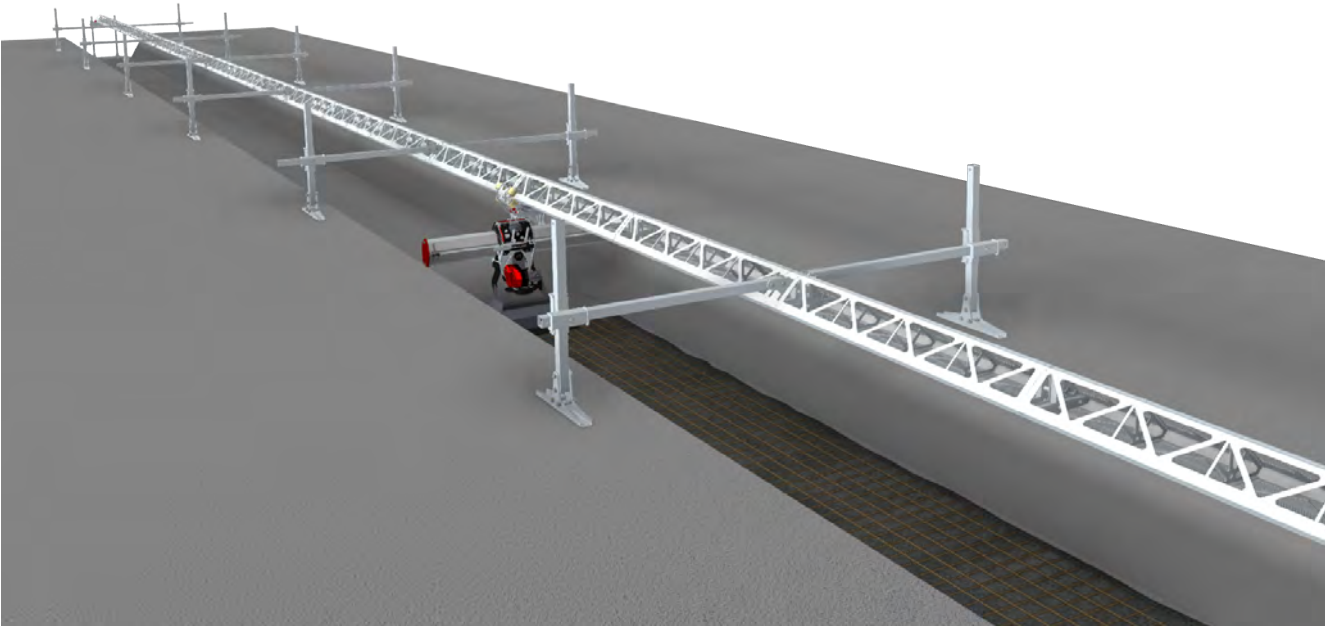


COMPATIBILITY →

- Aqua Cutter 750V
- Aqua Cutter 450A
- Aqua Cutter 450V
- Aqua Cutter PCM 450
- Ergo Controller

Aqua Spine 3.0

Ergo Climber 3.0



The Aqua Rail system makes it possible to build infinitely long configurations to suit any project, no matter the surface is vertical, circular or horizontal.

4 – SELECT ATTACHMENT

Once you've chosen Linear or Circular, as well as Rail system, select the right attachment: for example, a Roller Beam for Linear work or a Pillar Ring for Circular applications.



- • Roller beam 750
- • Roller beam 450
- • Pillar ring Heavy
- • Tunnel ring Heavy
- • Pillar/tunnel ring Light

- • Roller beam Ergo Linear
- • Roller beam Ergo Circular
- • Scaffolding pipe Curved

5 – SELECT POWER HEAD

Choose the Power Head that matches both your initial setup and the project requirements.

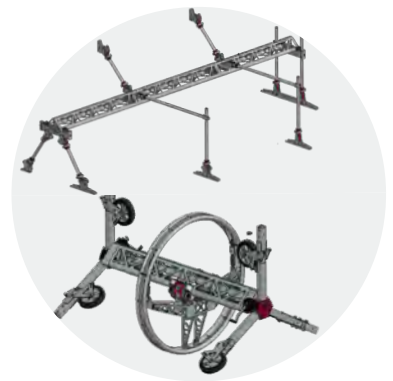


- • Infinity Power Head 750
- • Infinity Power Head 450
- • Circular Power Head
- • Rotolance 3.0
- • Ergo Power Head
- • Ergo Rotolance

- • Ergo Power Head
- • Ergo Rotolance

6 – SELECT SUPPORT SYSTEM

To ensure stability and precision, select the right support: Heavy, Light, Circular, or Scaffolding, depending on your setup and work environment.



- • Support system Heavy
- • Support system Light
- • Support system Circular



- • Support system Scaffolding

AQUA SPINE 3.0

Aqua Rail system setup



Triple Spine

LINEAR HYDRODEMOLITION

CIRCULAR HYDRODEMOLITION



Aqua Spine hoist

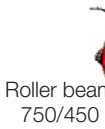
Heavy System

Light System

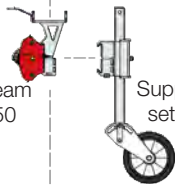
Heavy System Pillar

Heavy System Tunnel

Light System Pillar/Tunnel



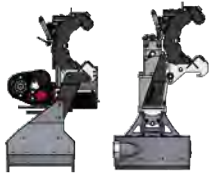
Roller beam 750/450



Support wheel set 750/450



Roller beam Ergo

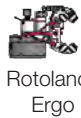


Power head 750/450

Rotolance 750/450



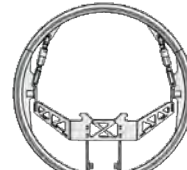
Power head Ergo



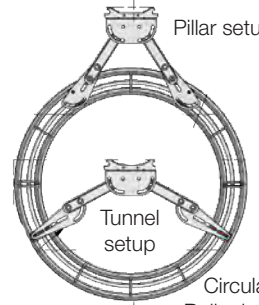
Rotolance Ergo



Pillar ring



Tunnel ring



Pillar setup

Tunnel setup

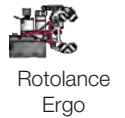
Circular Roller beam



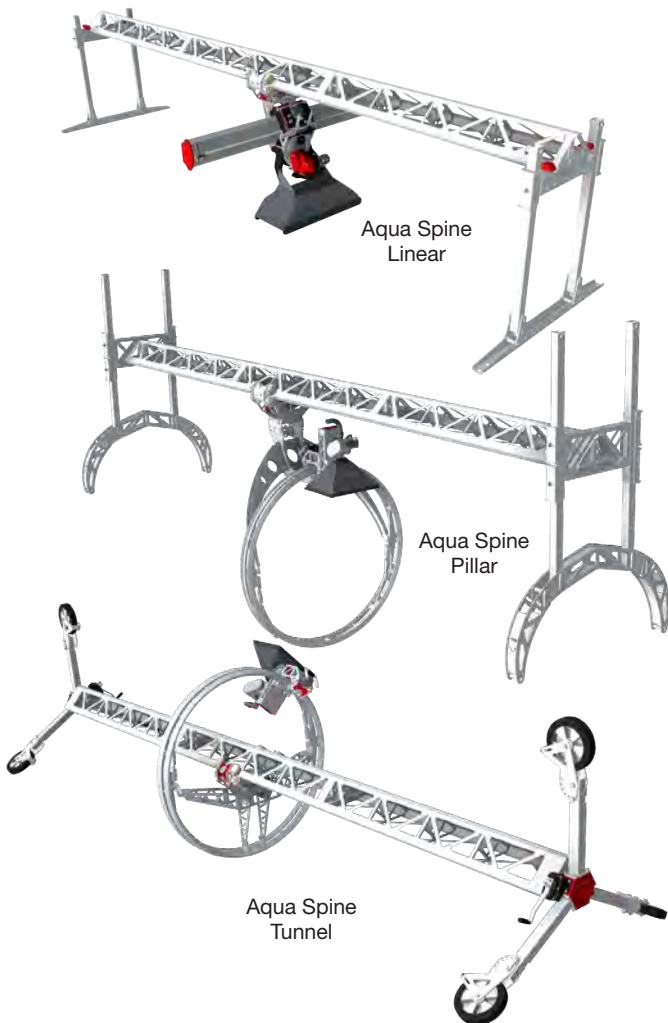
Power head Circular



Power head Ergo



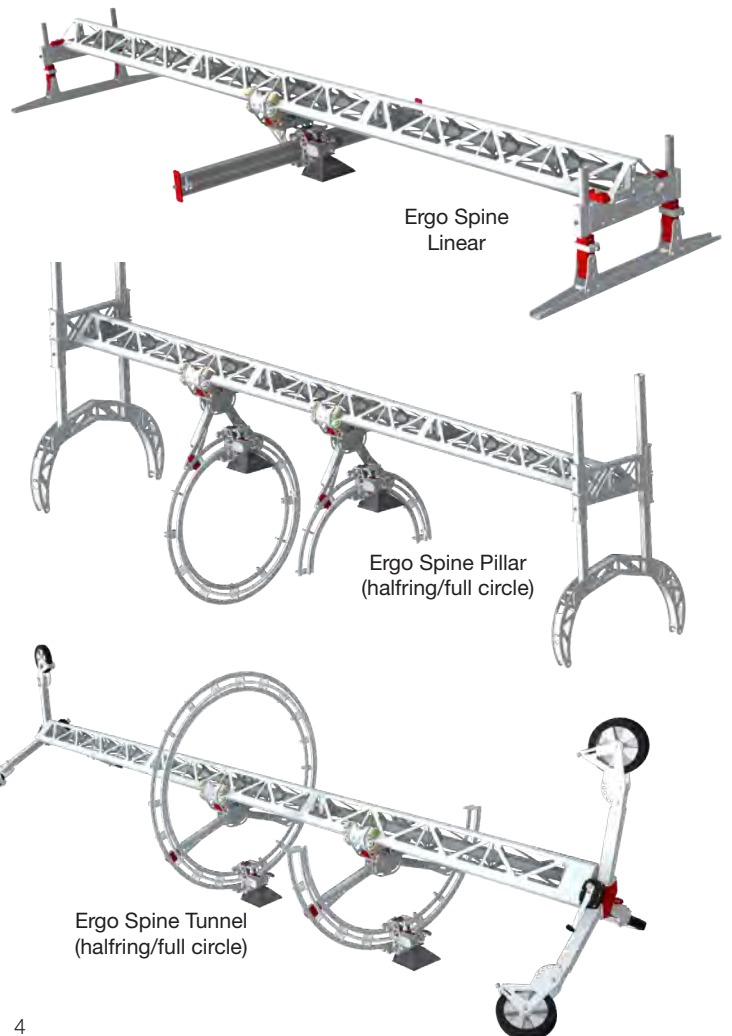
Rotolance Ergo



Aqua Spine Linear

Aqua Spine Pillar

Aqua Spine Tunnel



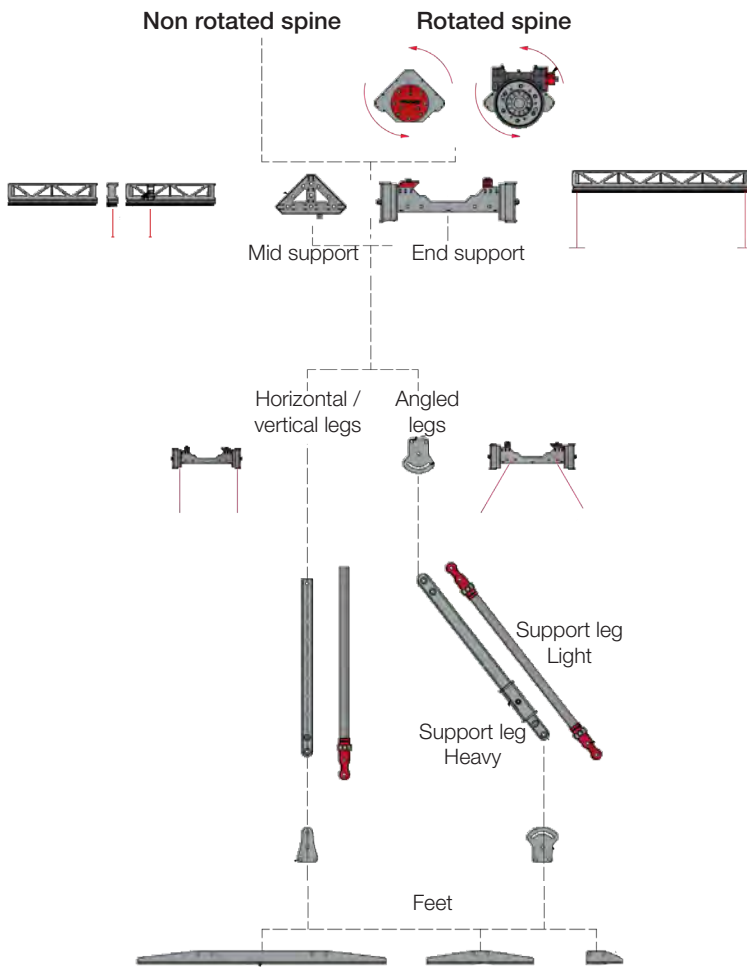
Ergo Spine Linear

Ergo Spine Pillar (halfring/full circle)

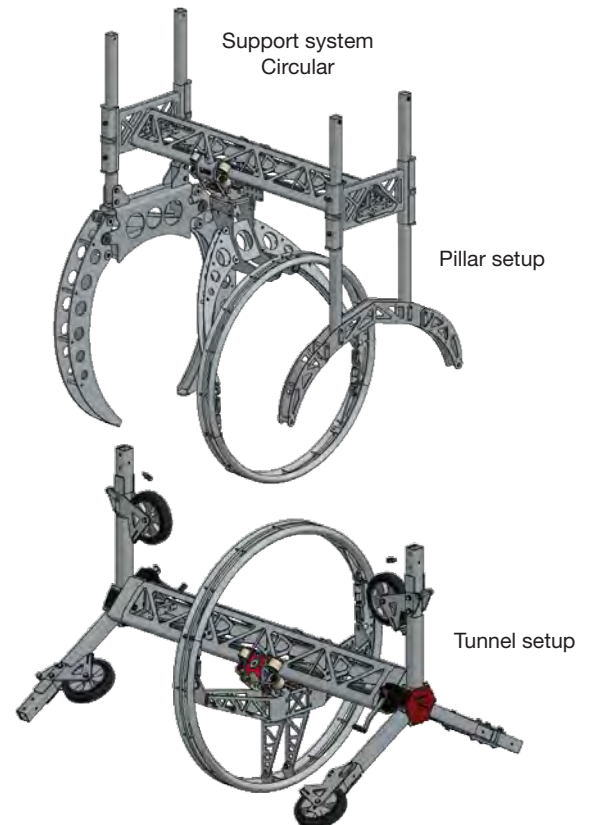
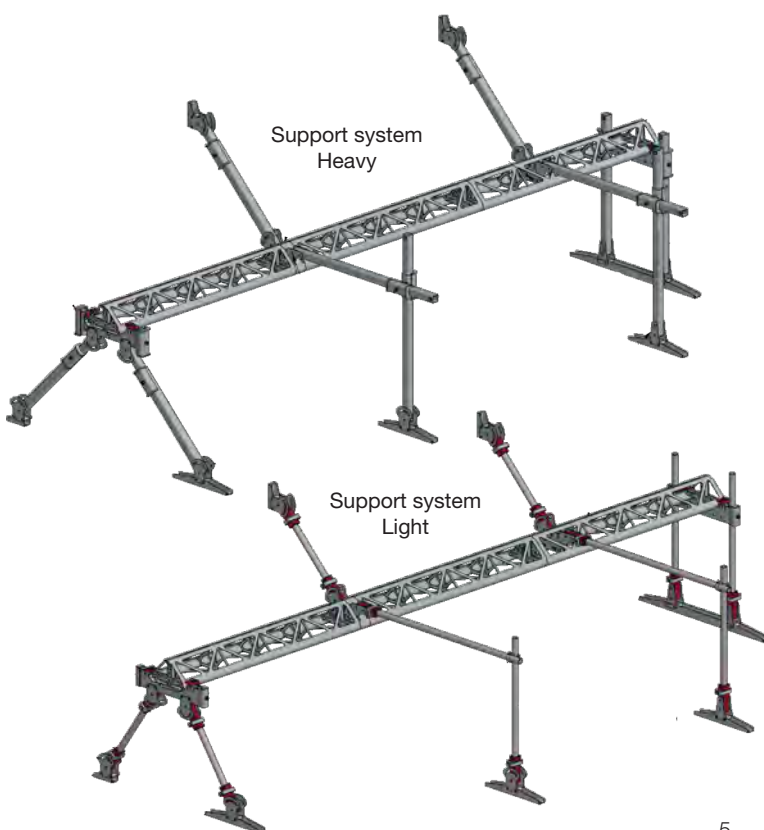
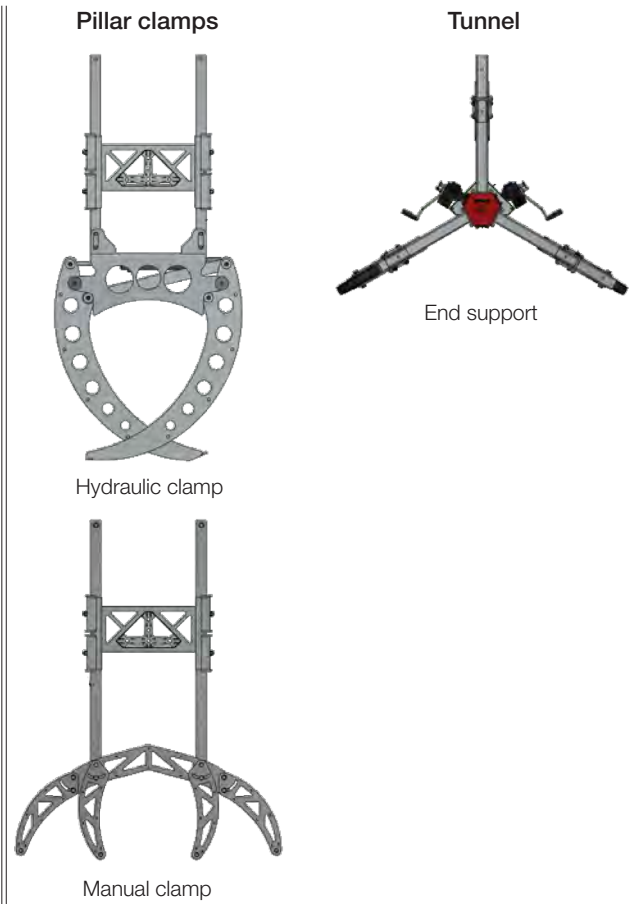
Ergo Spine Tunnel (halfring/full circle)

SUPPORT SYSTEM

LINEAR HYDRODEMOLITION



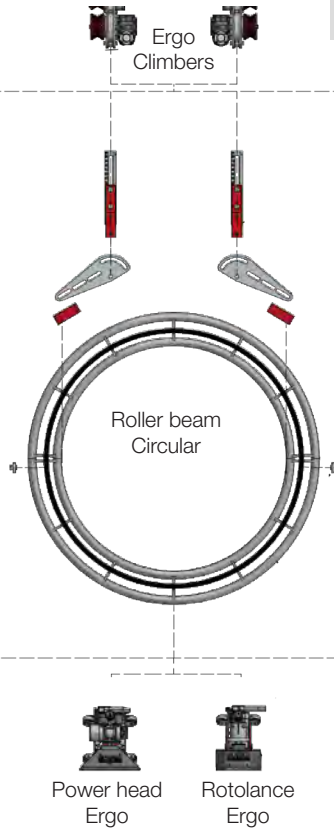
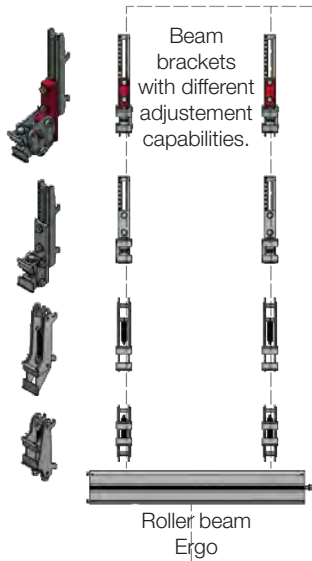
CIRCULAR HYDRODEMOLITION



ERGO CLIMBER 3.0

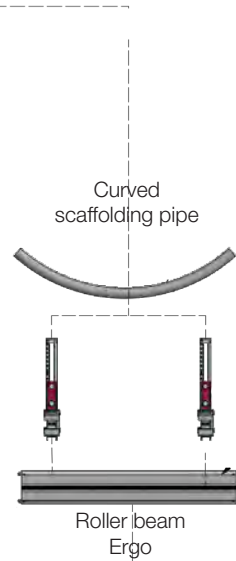
Aqua Rail setup

LINEAR HYDRODEMOLITION

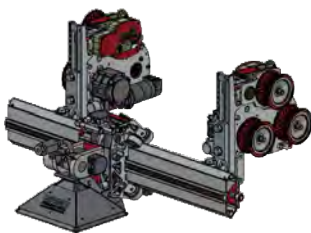


CIRCULAR HYDRODEMOLITION

Pillar & Tunnel



Ergo Climber Linear

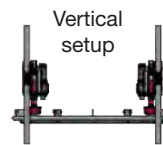


Linear setup

Ergo Climber Circular



Pillar setup

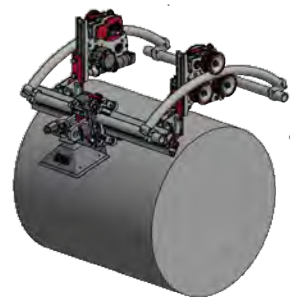


Vertical setup



Horizontal 90° setup

Ergo Climber Curved



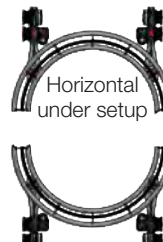
Pillar setup



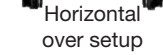
Linear setup



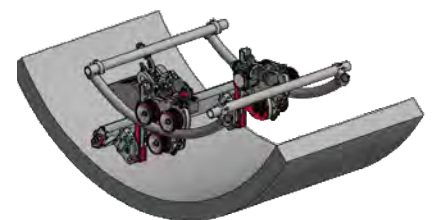
Tunnel setup



Horizontal under setup



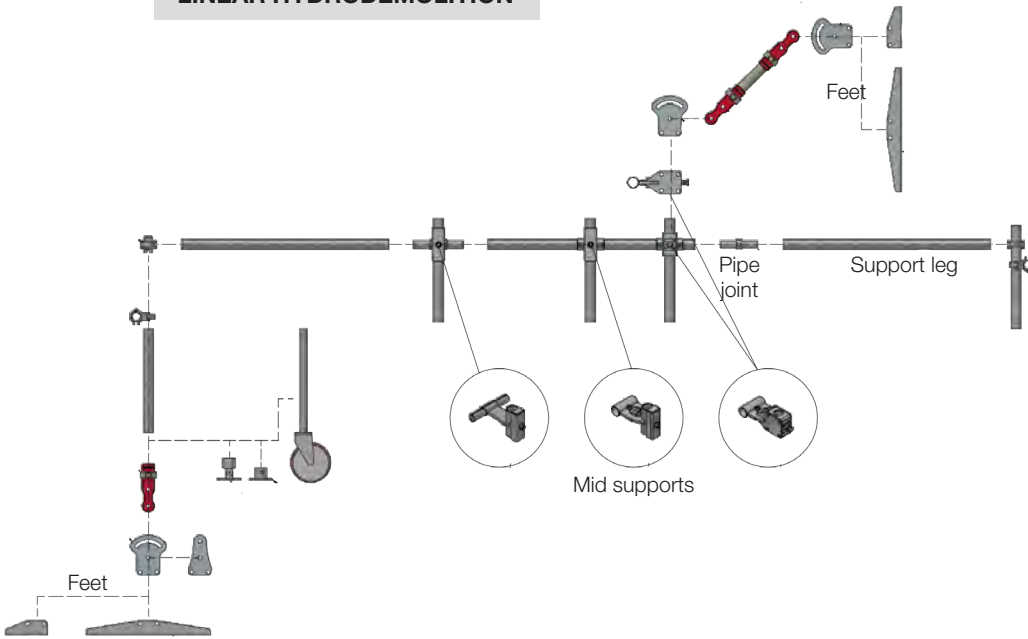
Horizontal over setup



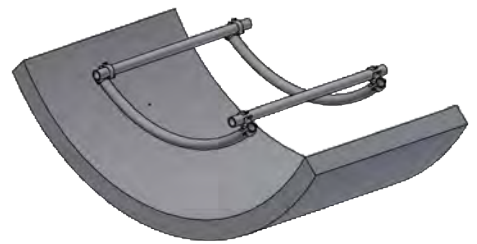
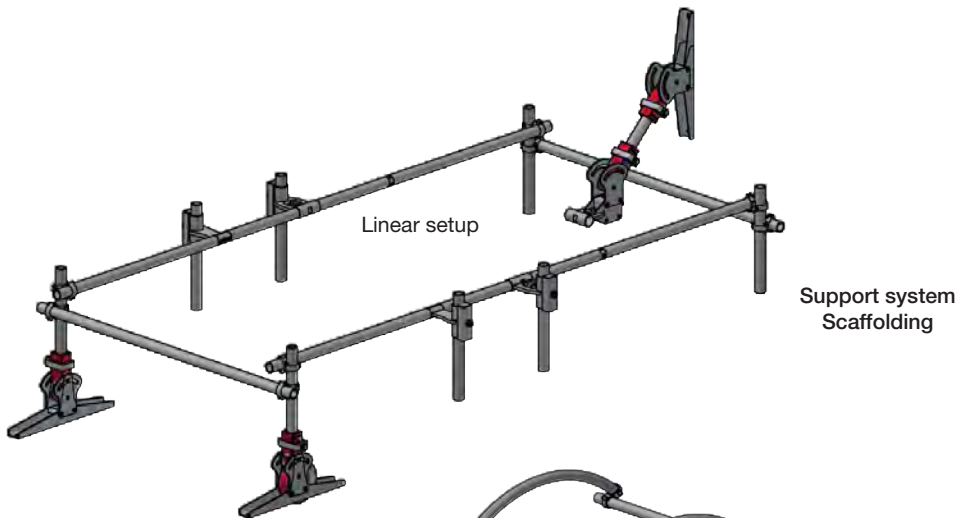
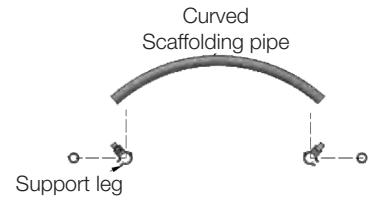
Tunnel setup

SUPPORT SYSTEM

LINEAR HYDRODEMOLITION



CIRCULAR HYDRODEMOLITION



Heavy-duty rail system for high-rate horizontal and vertical hydrodemolition.



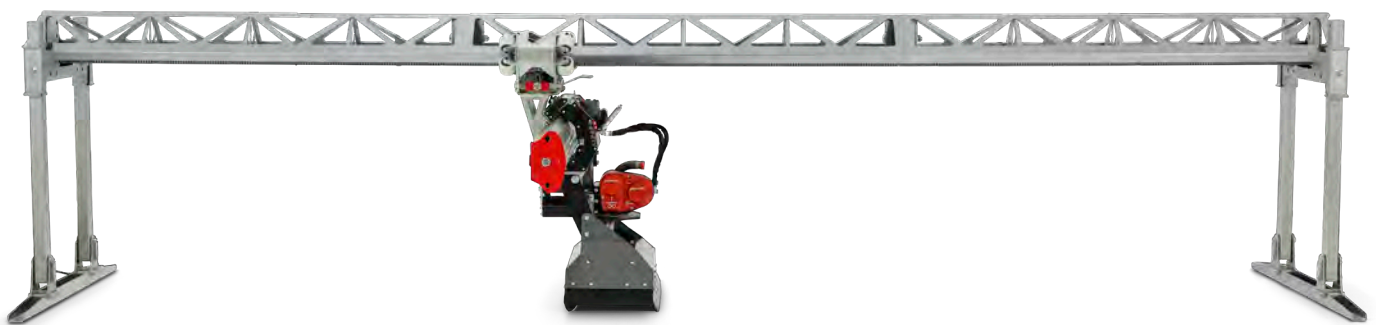
AQUA SPINE LINEAR

Multi-modular rail system 3.0

The Aqua Spine Linear 3.0 is a heavy-duty system for horizontal and vertical hydrodemolition, built for maximum stability and performance. Featuring a 6 m Aqua Spine rail, a 2 m Roller Beam, and a 750 Power Head, it delivers a removal area of about 12 m² per setup. With a 1,3 m working height and the robust Heavy Support System, it withstands reaction forces up to 3000 N—ideal for demanding, large-scale projects.

Key features

- » **Horizontal and vertical** hydrodemolition applications.
- » **Fast removal rate** of large areas and deeper cut.
- » **Handles reaction forces** up to 3000 N.
- » **Approx. 12 m²** removal area per setup.
- » **Robust design** with Support system Heavy.
- » **Aqua Spine** as a base.
- » **Compatible** with both 450 and 750 Power heads and Roller beams.
- » **Fully adaptable to a wide range** of configurations via the Aqua Rail system.



INFINITY



3000 BAR
(43 500 psi)



3000 N
(674 lbf)



6 M
(19,7 ft)



1,3 M
(4,3 ft)



AQUA SPINE
3.0



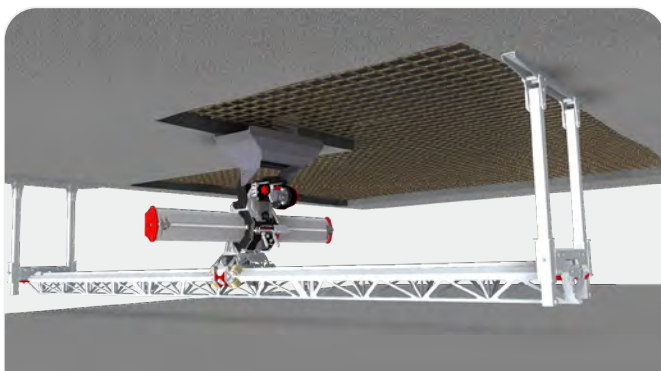
POWER HEAD
750



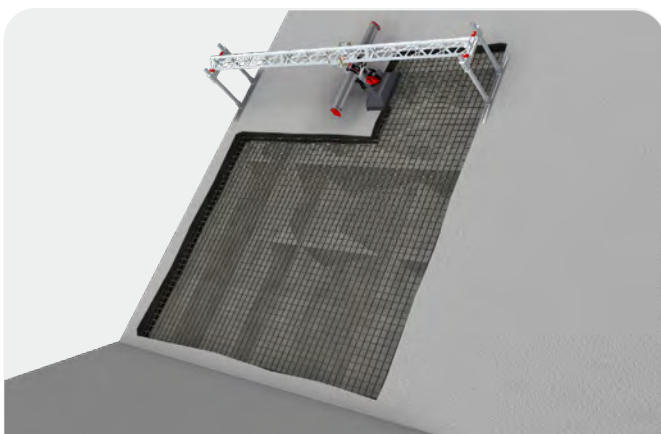
SUPPORT
HEAVY



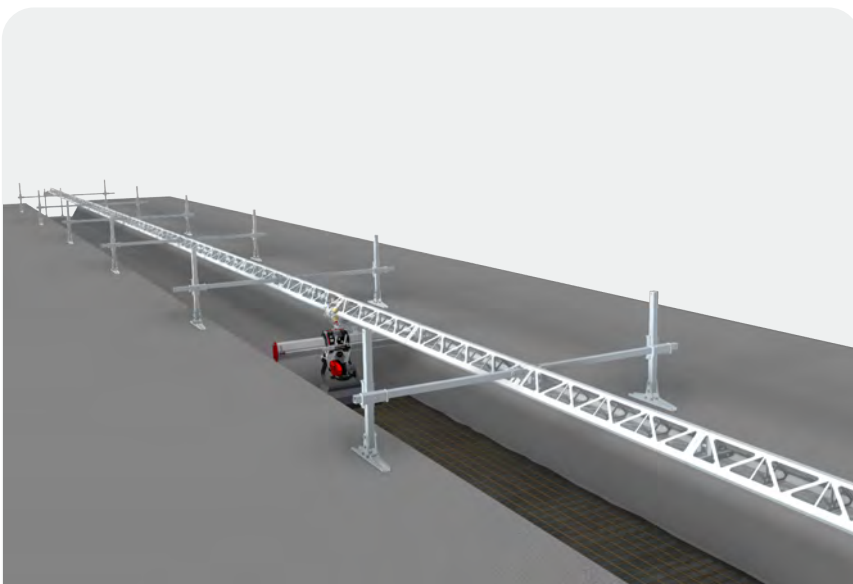
ROLLER BEAM
750



The Aqua Spine Linear is perfect for roof work and in tight or restricted spaces where an Aqua Cutter cannot operate effectively.



Ideal for large projects on dams and sloped walls.



With the Aqua Rail system, you can build infinitely long configurations to suit any project, whether the surface is vertical or horizontal.



With a rotational Spine, it's easy to adjust the Power head to different surface angles.

Size/Range

Length	6 m (19,7 ft)
Width (without roller beam)	1,4 m (4,6 ft)
Height	1,3 m (4,3 ft)
Working width	2 m (6,6 ft)
Lance angle	±45°

Weight

Total weight	425 kg (937 lb)
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Operation

Max reaction force	3000 N (674 lbf)
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Included in starter kit

Triple Spine rail sections	3 x 2 m (3 x 6,6 ft)
Hoist	Aqua Spine
Power head	750
Roller beam 750	2 m (6,6 ft)
Support legs	Heavy
Support feet	Heavy
End support	Heavy

Additional options

Compatible power units	Aqua Cutter 450/750 3.0
	Ergo Controller
Compatible Power heads	750/450, Rotolance 3.0
Spine rail sections	0,25/0,5/1,0/2,0 m (0,8/1,6/3,3/6,6 ft)
Roller beam lengths (450/750)	0,25 / 0,5 / 1,0 / 2,2 m (0,8 / 1,6 / 3,3 / 7,2 ft)
Support system	Multiple options

All Aqua Rail starter kits can be adapted to different requirements.

Compatible with



Lightweight rail solution for efficient horizontal and vertical hydrodemolition.



ERGO SPINE LINEAR

Multi-modular rail system 3.0

The Ergo Spine Linear 3.0 is a lightweight system for horizontal and vertical hydrodemolition, designed for confined spaces and shallower cuts. Built around a 6 m Aqua Spine rail with a 2 m Ergo Roller Beam and Ergo Power Head, it delivers efficient removal across a setup area of about 12 m². With its compact Light Support System, it handles reaction forces up to 1000 N—making it an excellent choice for surface preparation and refractory projects.

Key features

- » **Horizontal and vertical** hydrodemolition applications.
- » **Especially designed for** confined spaces and shallow cuts.
- » **Handles reaction forces** up to 1000 N.
- » **Approx. 12 m²** removal area per setup.
- » **Lightweight hydrodemolition system** with Support system Light.
- » **Aqua Spine** as a base.
- » **Comes with an Ergo** roller beam and Ergo Power head.
- » **Adaptable to a wide range** of configurations via the Aqua Rail system.



3000 BAR
(43 500 psi)



1000 N
(225 lbf)



6 M
(19,7 ft)



0,7 M
(2,3 ft)



AQUA SPINE
3.0



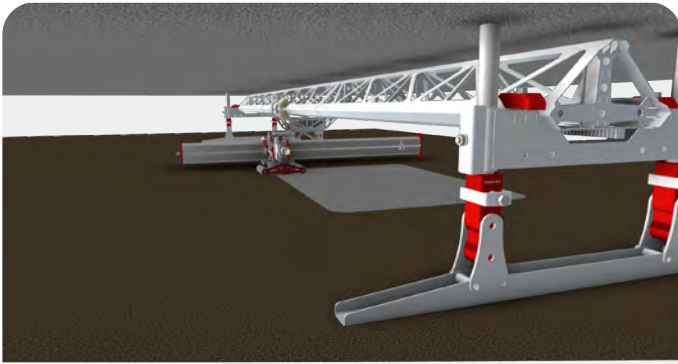
POWER HEAD
ERGO



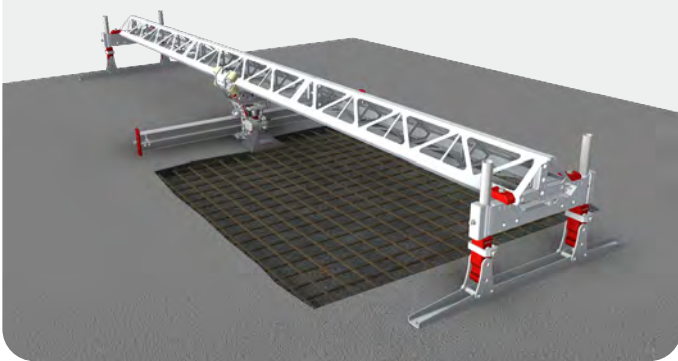
SUPPORT
LIGHT



ROLLER BEAM
ERGO



Compact and versatile, the Ergo Spine Linear is built for shallow hydrodemolition, cleaning, and surface prep in tight, hard-to-reach spaces — easily attaching to vertical, sloped, or horizontal surfaces.



Size/Range

Length	6 m (19,7 ft)
Width (without roller beam)	1,4 m (4,6 ft)
Height	0,7 m (2,3 ft)
Working width	2 m (6,6 ft)
Lance angle	±45°

Weight

Total weight	260 kg (574 lb)
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Operation

Max reaction force	1000 N (225 lbf)
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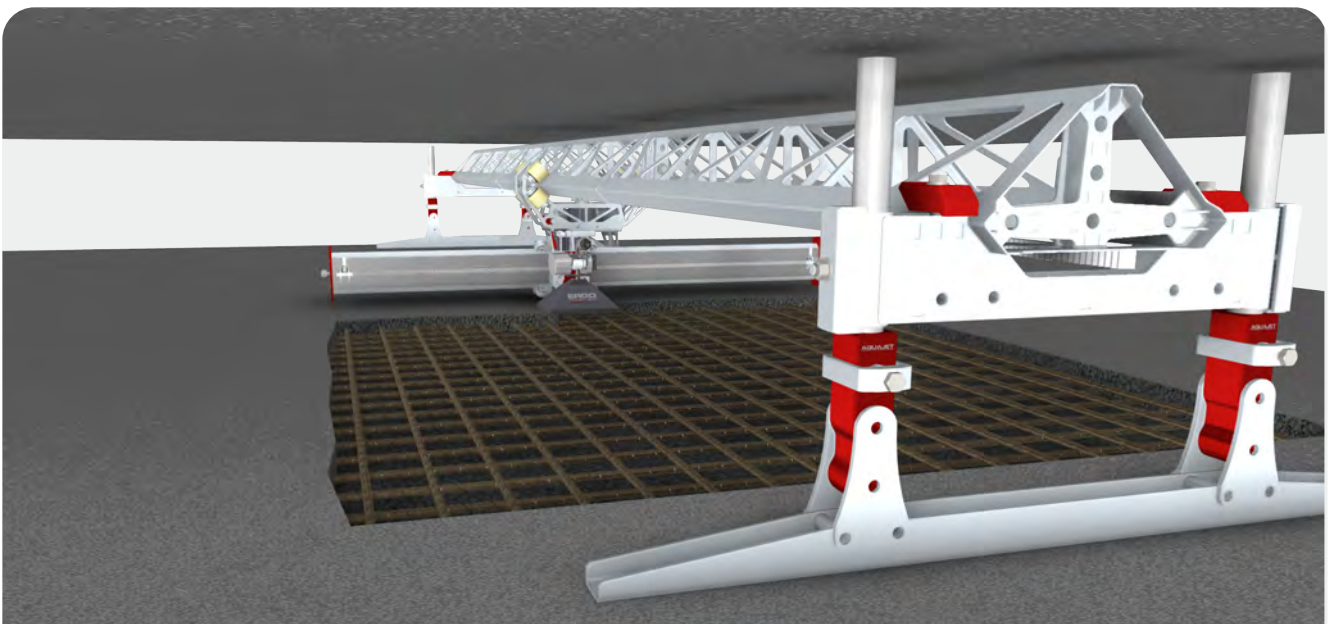
Included in starter kit

Triple Spine rail sections	3 x 2 m (3 x 6,6 ft)
Hoist	Aqua Spine
Power head	Ergo
Roller beam Ergo	2 m (6,6 ft)
Support legs	Light
Support feet	Light
End support	Light

Additional options

Compatible power units	Aqua Cutter 450/750 3.0
	Ergo Controller
Compatible Power heads	Ergo, Ergo Rotolance
Spine rail sections	0,25/0,5/1,0/2,0 m (0,8/1,6/3,3/6,6 ft)
Roller beam extensions (Ergo)	0,25 / 0,5 / 1,0 / 2,2 m (0,8 / 1,6 / 3,3 / 7,2 ft)
Support system	Multiple options

All Aqua Rail starter kits can be adapted to different requirements.



By adding additional Spine sections and other components, the Ergo Spine Linear can be extended to virtually any length. It's ideal for hydrodemolition work on buildings where the setup must fit between scaffolding and the surface.

Compatible with



Scaffolding-based system for flexible horizontal and vertical work.



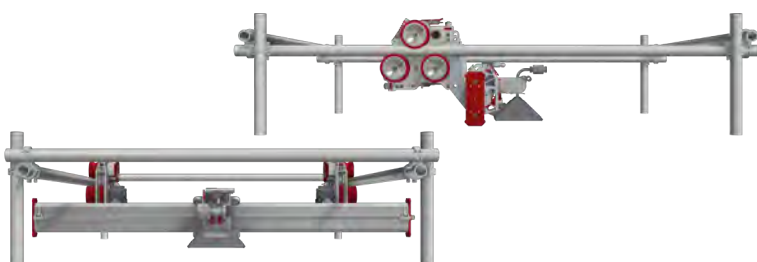
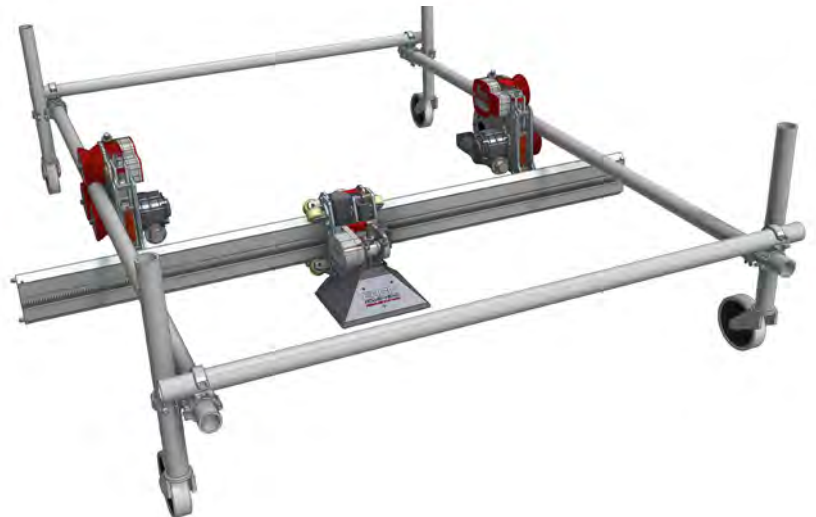
ERGO CLIMBER LINEAR

Multi-modular rail system 3.0

The Ergo Climber Linear 3.0 is a compact, lightweight system for horizontal and vertical hydrodemolition, built for confined and limited-access areas. Using the Ergo Climber with the Ergo Roller Beam, Ergo Power Head, and Support system Scaffolding, it offers flexibility and efficiency while supporting reaction forces up to 1000 N. Measuring just 2 x 1,6 m as a starter kit and with a working height of 0.5 m, it delivers efficient removal across 3,2 m² per setup.

Key features

- » Horizontal and vertical hydrodemolition applications.
- » Compact 2 x 1,6 m setup with low working height of 0.5 m, ideal for confined spaces.
- » Handles reaction forces up to 1000 N.
- » Approx. 3,2 m² removal area per setup.
- » Lightweight hydrodemolition system with scaffolding-based support system for flexible installation.
- » Ergo Climbers as a base.
- » Equipped with Ergo roller beam and Ergo Power head.
- » Ideal for surface prep, shallow cuts, patch work and industrial cleaning.
- » Adaptable to a wide range of configurations via the Aqua Rail system.



3000 BAR
(43 500 psi)

N

1000 N
(225 lbf)



2 M
(6,6 ft)



0,5 M
(1,6 ft)



CLIMBERS
3.0



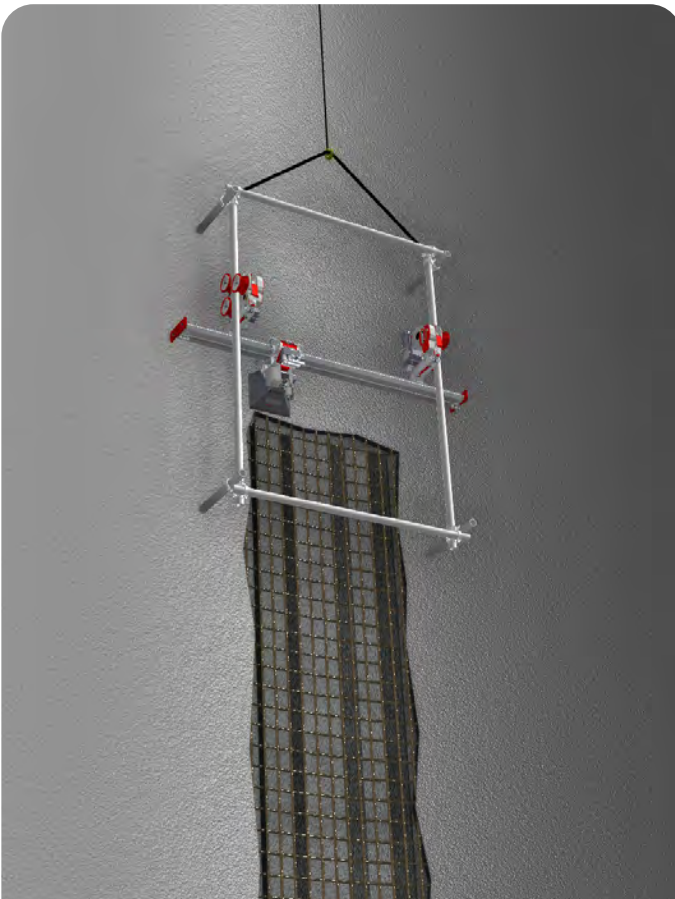
POWER HEAD
ERGO



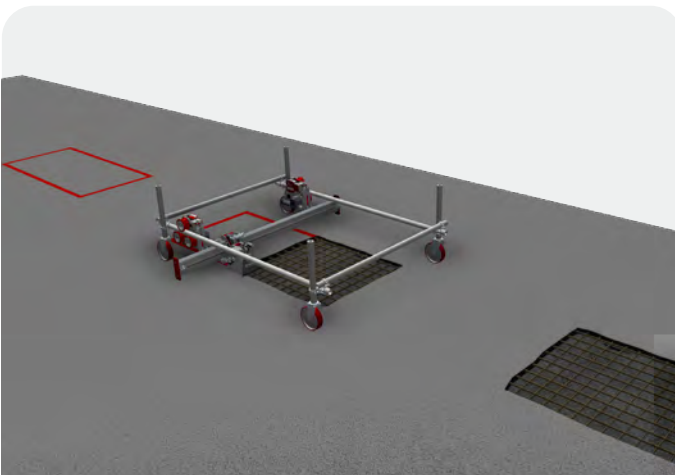
SUPPORT
SCAFFOLDING



ROLLER BEAM
ERGO



The Ergo Climber Linear can be configured for a variety of setups and, thanks to its lightweight design, is ideal for use in high, confined, or otherwise challenging environments.



With the addition of support wheels, the Ergo Climber Linear becomes even easier to use for patch work — simply roll the setup to the next repair spot.

Size/Range

Length	2 m (6,6 ft)
Width	1,6 m (5,3 ft)
Height	0,5 m (1,6 ft)
Working width	2 m (6,6 ft)
Lance angle	±45°

Weight

Total weight	110 kg (242 lb)
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Operation

Max reaction force	1000 N (225 lbf)
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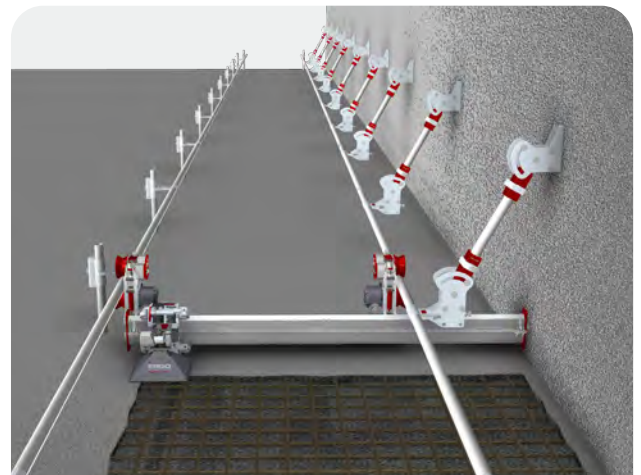
Included in starter kit

Ergo Climbers 3.0	2 pcs
Beam brackets	Standard
Power head	Ergo
Roller beam Ergo	2 x 1,0 m (2 x 3,3 ft)
Support legs	Scaffolding
Cross joints	Fixed

Additional options

Compatible power units	Aqua Cutter 450/750 3.0 Ergo Controller
Compatible Power heads	Ergo, Ergo Rotolance
Scaffolding pipes	ø48,3 mm (ø1,9 in) / NPS 1,5 / DN40
Roller beam lengths (Ergo)	0,25 / 0,5 / 1,0 / 2,2 m (0,8 / 1,6 / 3,3 / 7,2 ft)
Beam brackets	Low, Height adjustable, Height and angle adjustable
Cross joints	Rotatable
Support system	Multiple options

All Aqua Rail starter kits can be adapted to different requirements.



By using the Aqua Rail support system, you can adapt the setup for various applications, such as adding angled support legs to secure it against the surface.

Compatible with



High-performance circular hydrodemolition for pillars and curved surfaces.



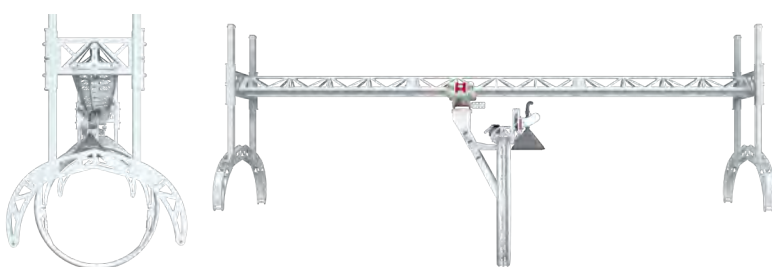
AQUA SPINE PILLAR

Multi-modular rail system 3.0

The Aqua Spine Pillar 3.0 is purpose-built for hydrodemolition on pillars and other curved or circular surfaces. Using the Aqua Spine rail, Pillar Ring, and Circular Power Head, it delivers precise, high-performance removal while handling reaction forces up to 2000 N. Designed for fast removal of large volumes and deeper cuts, it comes in three ring sizes to cover pillar diameters from 0.1 m to 1.7 m, ensuring versatility across projects.

Key features

- » Adapted to circular and curved outer surfaces, such as pillars.
- » Fast removal rate of large areas and deeper cuts.
- » Handles reaction forces up to 2000 N.
- » Robust design with Support system Circular that attaches directly to the surface by pillar clamps.
- » Built around the Aqua Spine rail, Pillar Ring, and Circular Power Head.
- » Available in three ring sizes covering pillar diameters from 0,1 m to 1,7 m.
- » Adaptable to a wide range of configurations via the Aqua Rail system.



3000 BAR
(43 500 psi)



2000 N
(450 lbf)



6 M
(19,7 ft)



PILLAR RING
ø1,5 M (ø4,9 ft)



AQUA
SPINE 3.0



POWER HEAD
CIRCULAR



SUPPORT
CIRCULAR



Attach the Aqua Spine Pillar kit to the circular surface for either vertical or horizontal hydrodemolition.

Size/Range

Length	6 m (19,7 ft)
Working diameter ring ø1,5 m (ø4,9 ft)	ø0,6-1,2 m (ø2,0-3,9 ft)
Pillar clamps	0,35-1,5 m (1,1-4,9 ft)
Lance angle	±25°
Lance adjustment (in/out)	300 mm (11,8 in)

Weight

Total weight	476 kg (1049 lb)
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Operation

Max reaction force	2000 N (450 lbf)
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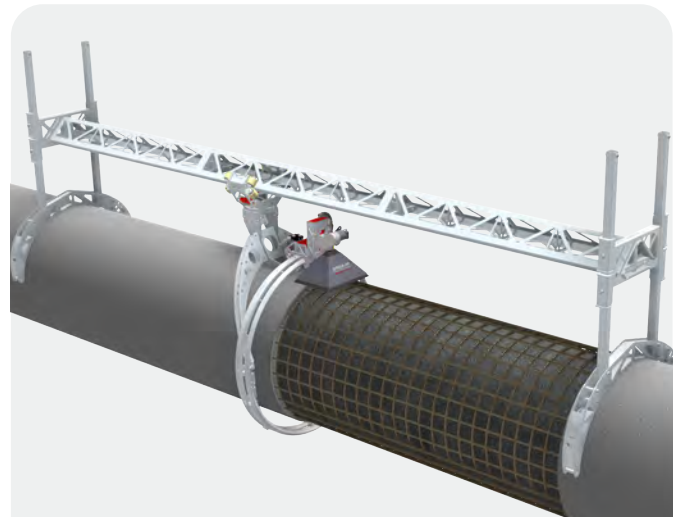
Included in starter kit

Triple Spine rail sections	3 x 2 m (3 x 6,6 ft)
Hoist	Aqua Spine
Power head	Circular
Pillar ring	ø 1,5 m (ø 4,9 ft)
Support legs	Heavy
Pillar clamps	Manual
End support	Heavy extreme

Additional options

Compatible power units	Aqua Cutter 450/750 3.0 Ergo Controller
Compatible Power heads	Circular Power head 0,25/0,5/1,0/2,0 m
Spine rail sections	(0,8/1,6/3,3/6,6 ft)
Pillar rings / Working diameter	ø1,0 m (3,3 ft) / ø0,1-0,7 m (0,3-2,3 ft) ø2,0 m (6,6 ft) / ø1,1-1,7 m (3,6-5,6 ft)
Pillar clamps	Hydraulic / ø 0,7-1,7 m (2,3-5,6 ft)
Support system	Multiple options

All Aqua Rail starter kits can be adapted to different requirements.



The Aqua Spine Pillar kit is ideal for hydrodemolition on the exterior surfaces of pillars and pipes.

Compatible with



Flexible, lightweight, and built for circular and curved surfaces.



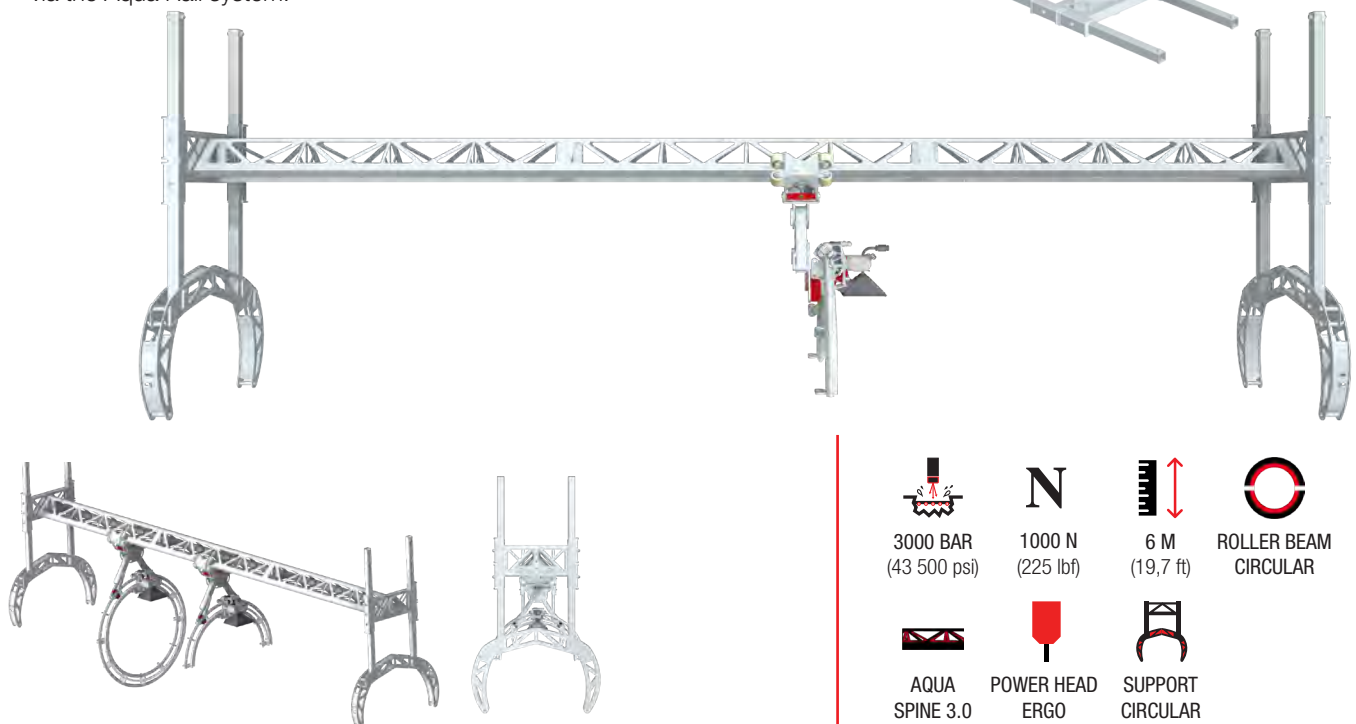
ERGO SPINE PILLAR

Multi-modular rail system 3.0

The Ergo Spine Pillar 3.0 is a lightweight, flexible system for hydrodemolition on pillars and curved outer surfaces. Built with the Aqua Spine rail, Circular Roller beam, Ergo Power Head, and Circular Support System, it handles reaction forces up to 1000 N. Supporting working diameters from 0,4 m to 8,0 m with adjustable sector angles, it offers precise, adaptable removal for shallower cuts and a wide range of demolition radii.

Key features

- » Adapted to circular and curved outer surfaces.
- » Configurable Circular Roller beam diameters from $\varnothing 0,4 - 8,0$ m, with the option to operate as a halfring or a full circle.
- » Adjustable sector angles for precise control.
- » Handles reaction forces up to 1000 N.
- » Robust design with Support system Circular that attaches directly to the surface by pillar clamps.
- » Built around the Aqua Spine rail, Circular roller beam, and Ergo Power Head.
- » Ideal for shallow removal and industrial cleaning.
- » Adaptable to a wide range of configurations via the Aqua Rail system.



3000 BAR
(43 500 psi)

N

1000 N
(225 lbf)



6 M
(19,7 ft)



ROLLER BEAM
CIRCULAR



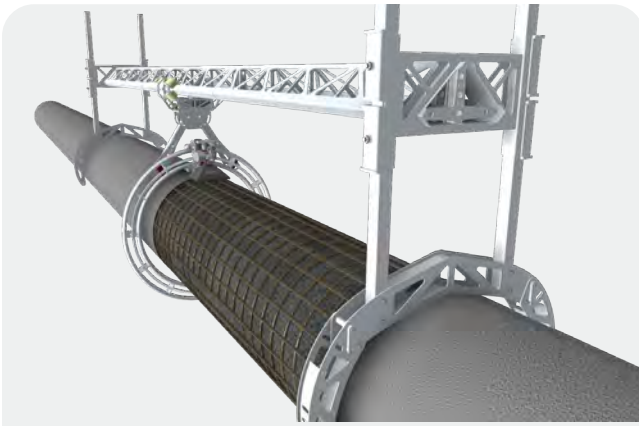
AQUA
SPINE 3.0



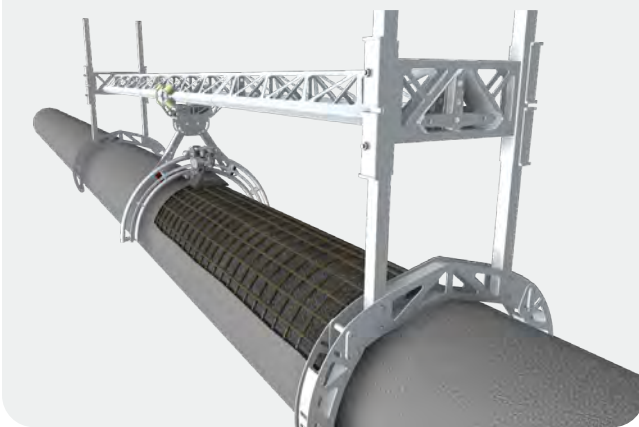
POWER HEAD
ERGO



SUPPORT
CIRCULAR



Versatile by design — the Ergo Spine Pillar kit lets you use the Circular Roller Beam as a half ring or full circle, perfectly suited for curved or circular surfaces in both vertical and horizontal applications.



Size/Range

Length	6 m (19,7 ft)
Working width (configurable)	ø0,4-8,0 m (ø1,3-26,2 ft)
Pillar clamps	0,35-1,5 m (1,1-4,9 ft)
Lance angle	±45°

Weight

Total weight	363–479 kg (800-1056 lb)
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Operation

Max reaction force	1000 N (225 lbf)
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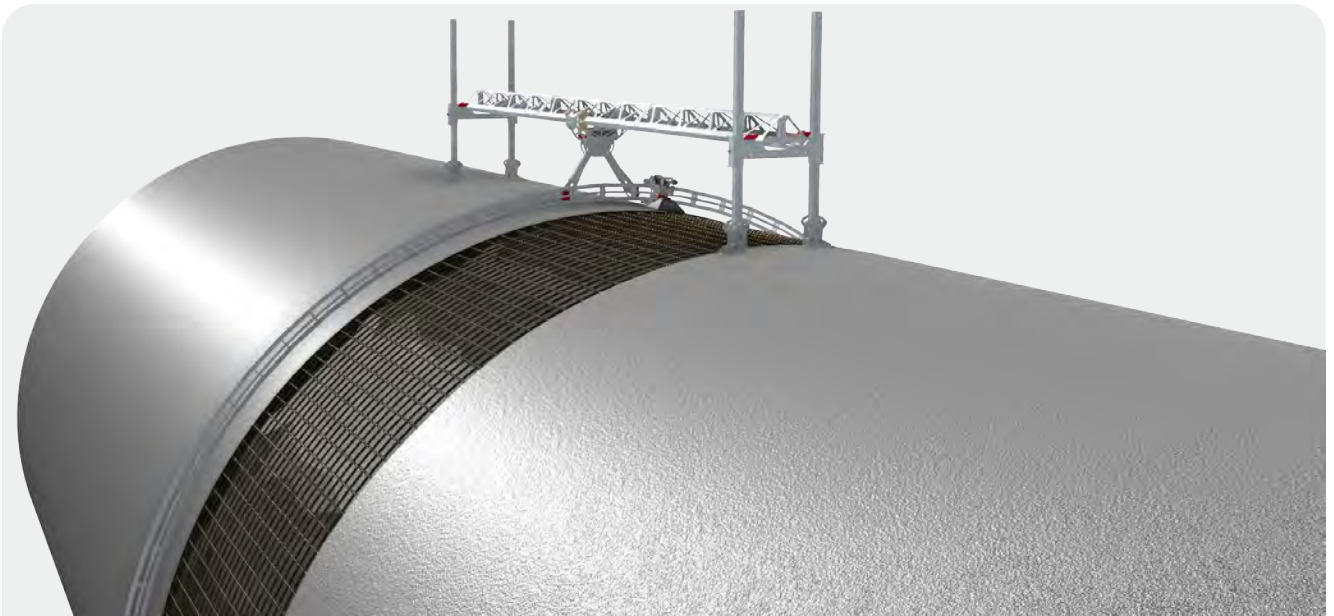
Included in starter kit

Triple Spine rail sections	3 x 2 m (3 x 6,6 ft)
Hoist	Aqua Spine
Power head	Ergo
Circular Roller beam	configurable size
Brackets Pillar setup	Based on Circular Roller beam size
Support legs	Heavy
Pillar clamps	Manual
End support	Heavy extreme

Additional options

Compatible power units	Aqua Cutter 450/750 3.0 Ergo Controller
Compatible Power heads	Ergo Power head, Ergo Rotolance
Spine rail sections	0,25/0,5/1,0/2,0 m (0,8/1,6/3,3/6,6 ft)
Circular Roller beam (config.)	ø0,4-8,0 m (ø1,3-26,2 ft)
Brackets Pillar setup	Based on Circular Roller beam size
Pillar clamps	Hydraulic / ø 0,7-1,7 m (2,3-5,6 ft)
Support system	Multiple options

All Aqua Rail starter kits can be adapted to different requirements.



With a configurable Circular Roller beam that offers a work diameter of up to 8 meters, this setup adapts to a wide range of applications — from shallow cuts to surface preparation.

Compatible with



High-performance removal on tunnels and inner curved surfaces.



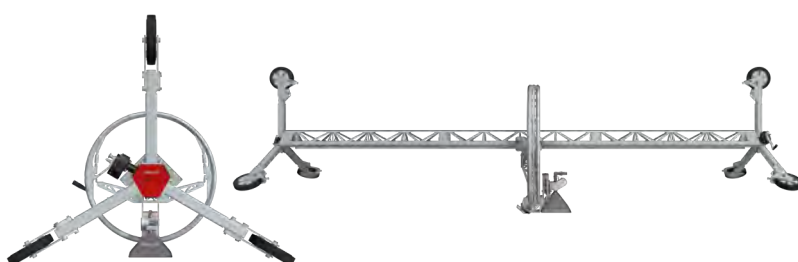
AQUA SPINE TUNNEL

Multi-modular rail system 3.0

The Aqua Spine Tunnel 3.0 is a system for hydrodemolition in tunnels and on inner circular or curved surfaces. Built around the Aqua Spine rail with a Tunnel Ring and Circular Power Head, it delivers precise, high-performance removal. The Circular Support System handles reaction forces up to 2000 N, making it ideal for fast removal of large areas and volumes. Available in three ring sizes, it covers diameters from 1,5 m to 3,0 m for versatile project use.

Key features

- » **Adapted to circular** and curved inner surfaces, such as pipes or tunnels.
- » **Fast removal rate** of large areas and volumes.
- » **Handles reaction forces** up to 2000 N.
- » **Robust design** with Support system Circular, including wheeled legs for easy movement along the surface.
- » **Built around the Aqua Spine rail**, Tunnel Ring, and Circular Power Head.
- » **Available in three ring sizes** covering diameters from 1,5 m to 3,0 m.
- » **Adaptable to a wide range** of configurations via the Aqua Rail system.



3000 BAR
(43 500 psi)

N

2000 N
(450 lbf)



6 M
(19,7 ft)



TUNNEL RING
ø1,5 M (ø4,9 ft)



AQUA
SPINE 3.0



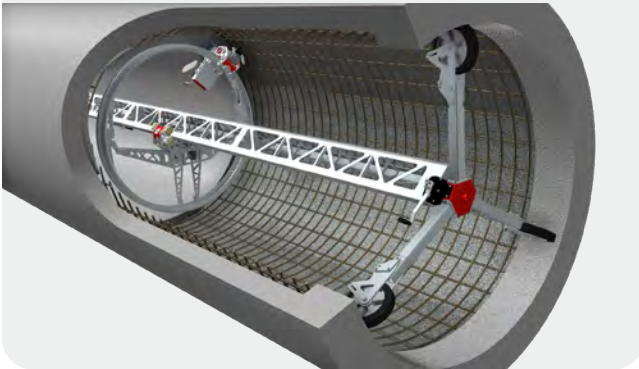
POWER HEAD
CIRCULAR



SUPPORT
CIRCULAR



The Aqua Spine Tunnel kit is designed to move seamlessly along circular surfaces, supported by adjustable wheels.



Size/Range

Length	6 m (19,7 ft)
Working diameter ring \varnothing 1,5 m (\varnothing 4,9 ft)	\varnothing 1,9-2,5 m (\varnothing 6,2-8,2 ft)
Lance angle	\pm 25°
Lance adjustment (in/out)	300 mm (11,8 in)

Weight

Total weight	485 kg (1070 lb)
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Operation

Max reaction force	2000 N (450 lbf)
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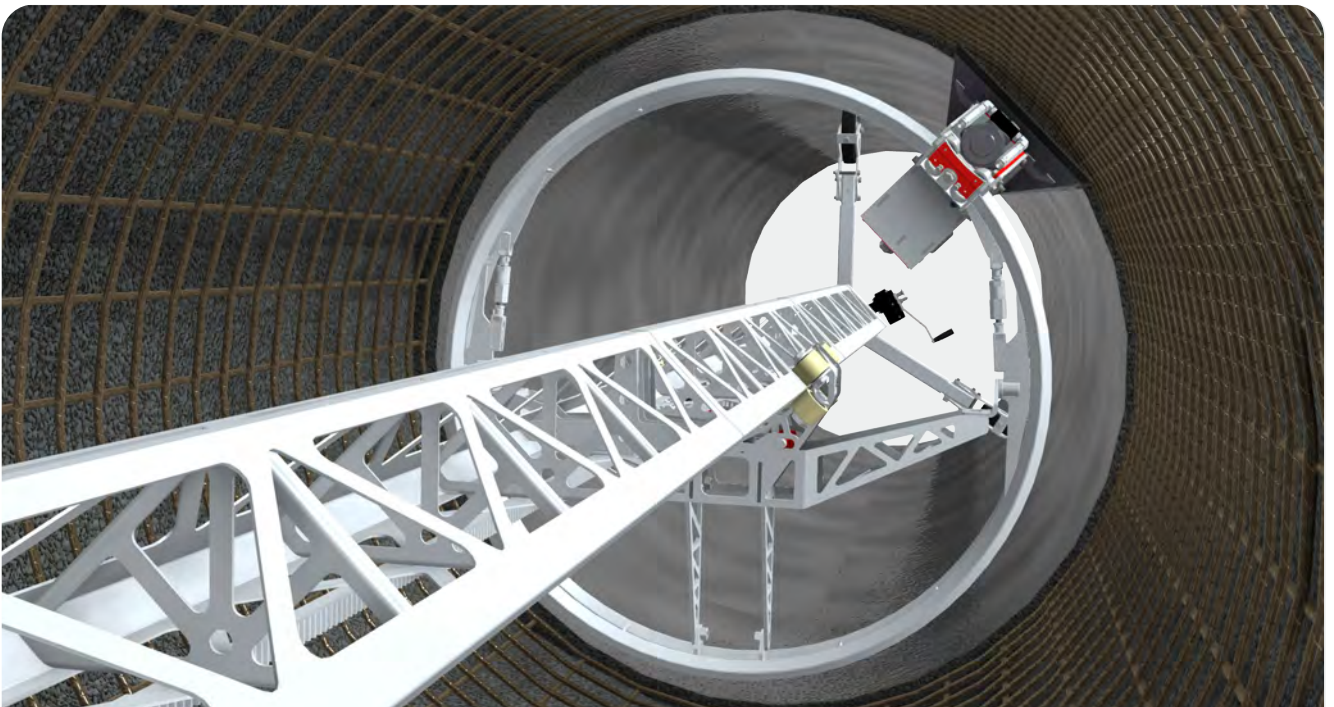
Included in starter kit

Triple Spine rail sections	3 x 2 m (3 x 6,6 ft)
Hoist	Aqua Spine
Power head	Circular
Tunnel ring	\varnothing 1,5 m (\varnothing 4,9 ft)
Support legs	Centralizer
Support wheels	750
End support	Tunnel

Additional options

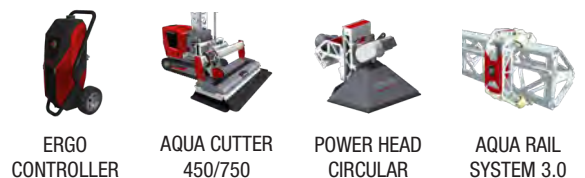
Spine rail sections	0,25/0,5/1,0/2,0 m (0,8/1,6/3,3/6,6 ft)
Tunnel ring /	\varnothing 1,0 m (3,3 ft) / \varnothing 1,5-2,0 m (4,9-6,5 ft)
Working diameter	\varnothing 2,0 m (6,6 ft) / \varnothing 2,4-3,0 m (7,9-9,8 ft)
Support system	Multiple options

All Aqua Rail starter kits can be adapted to different requirements.



The Circular Power Head moves in a circular path along the tunnel ring, making it ideal for circular surfaces — both vertical and horizontal — and perfect for applications such as pipes and tunnels.

Compatible with



Lightweight, adaptable system for tunnels and curved inner surfaces.



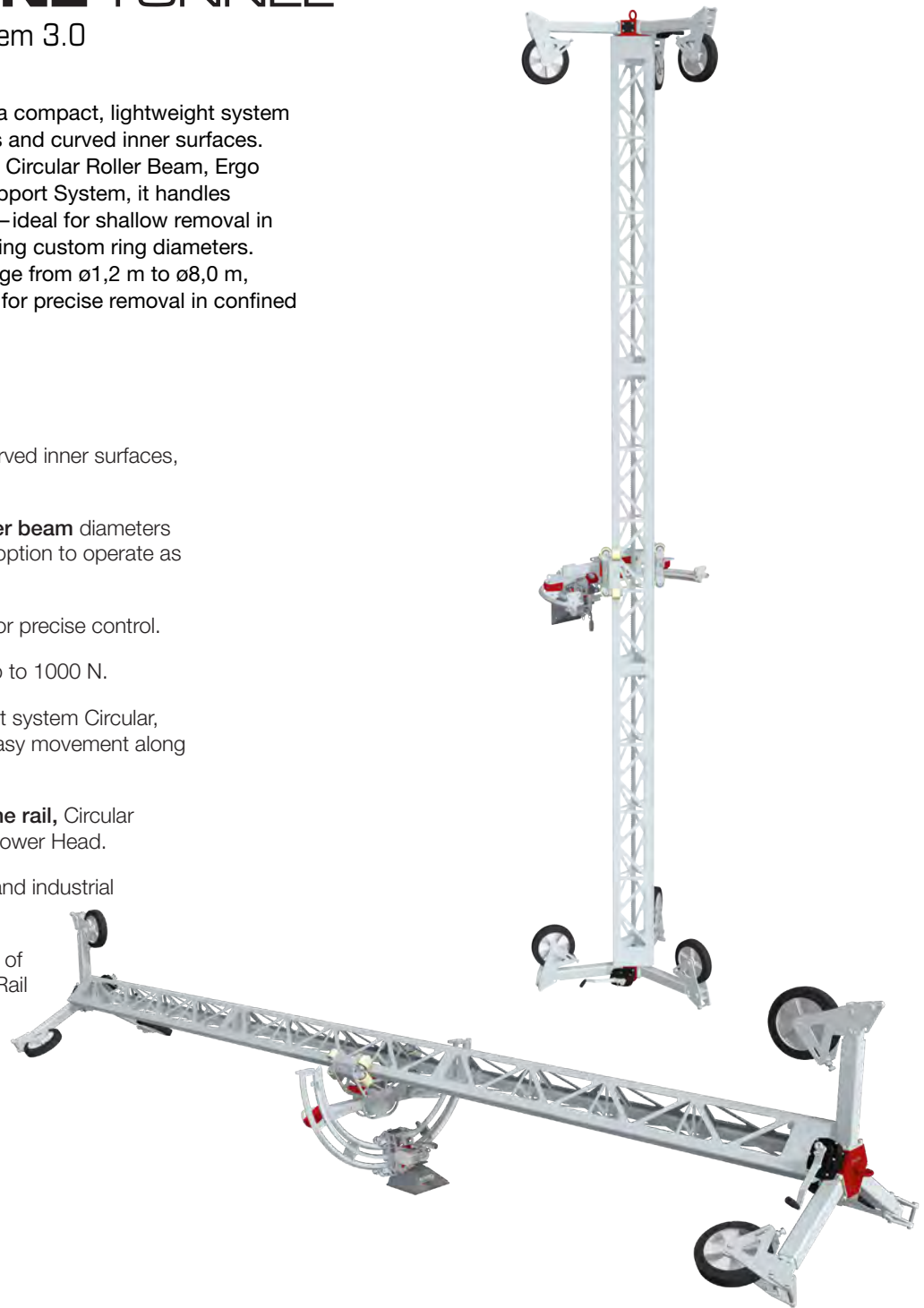
ERGO SPINE TUNNEL

Multi-modular rail system 3.0

The Ergo Spine Tunnel 3.0 is a compact, lightweight system for hydrodemolition in tunnels and curved inner surfaces. Built with the Aqua Spine rail, Circular Roller Beam, Ergo Power Head, and Circular Support System, it handles reaction forces up to 1000 N—ideal for shallow removal in tunnels and for projects needing custom ring diameters. Adjustable ring diameters range from $\varnothing 1,2$ m to $\varnothing 8,0$ m, with selectable sector angles for precise removal in confined or curved spaces.

Key features

- » **Adapted to circular** and curved inner surfaces, such as pipes or tunnels.
- » **Configurable Circular Roller beam** diameters from $\varnothing 1,2 - 8,0$ m, with the option to operate as a halfring or a full circle.
- » **Adjustable sector angles** for precise control.
- » **Handles reaction forces** up to 1000 N.
- » **Robust design** with Support system Circular, including wheeled legs for easy movement along the surface.
- » **Built around the Aqua Spine rail**, Circular Roller beam, and the Ergo Power Head.
- » **Ideal for shallow removal** and industrial cleaning.
- » **Adaptable to a wide range** of configurations via the Aqua Rail system.



3000 BAR
(43 500 psi)

N

1000 N
(225 lbf)



6 M
(19,7 ft)



ROLLER BEAM
CIRCULAR



AQUA
SPINE 3.0



POWER HEAD
ERGO



SUPPORT
CIRCULAR

Size/Range

Length	6 m (19,7 ft)
Working width (configurable)	ø1,2-8,0 m (ø3,9-26,2 ft)
Lance angle	±45°

Weight

Total weight	363–471 kg (800-1038 lb)
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Operation

Max reaction force	1000 N (225 lbf)
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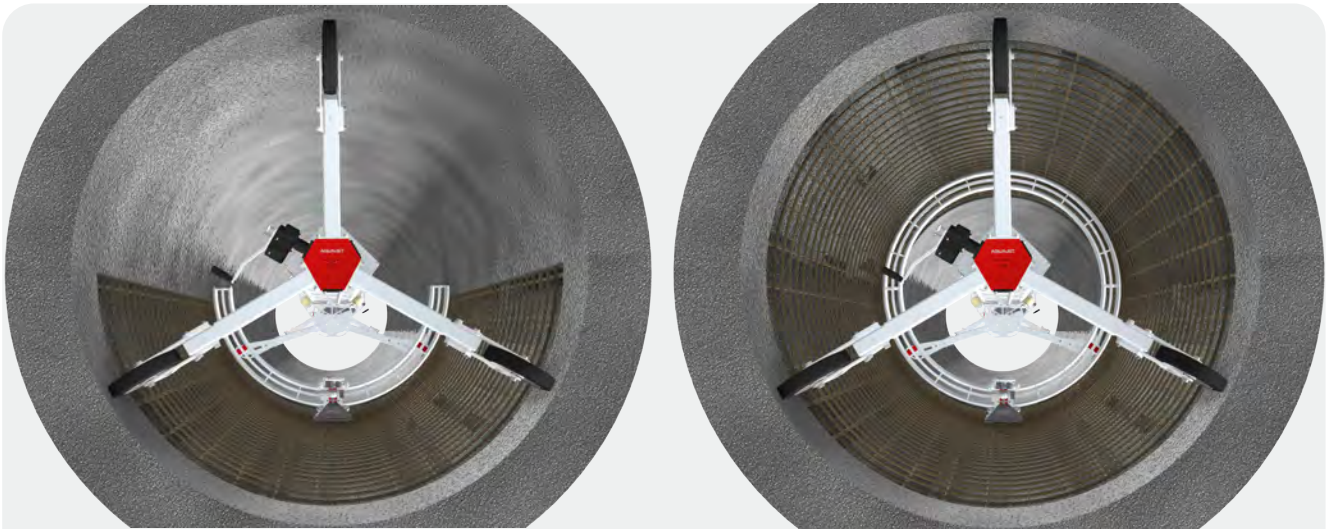
Included in starter kit

Triple Spine rail sections	3 x 2 m (3 x 6,6 ft)
Hoist	Aqua Spine
Power head	Ergo
Circular Roller beam	configurable size
Brackets Tunnel setup	Based on Circular Roller beam size
Support legs	Centralizer
Support wheels	750
End support	Tunnel

Additional options

Spine rail sections	0,25/0,5/1,0/2,0 m (0,8/1,6/3,3/6,6 ft)
Circular Roller beam (config.)	ø1,2-8,0 m (ø3,9-26,2 ft)
Brackets Tunnel setup	Based on Circular Roller beam size
Support system	Multiple options

All Aqua Rail starter kits can be adapted to different requirements.



The Ergo Power Head travels along the Circular Roller Beam, which can be configured as either a half or full circle depending on project needs. With adjustable support wheels, the Aqua Spine Tunnel kit moves smoothly along the surface. This setup is ideal for vertical or horizontal applications on circular or curved inner surfaces, and perfect for shallow removal in structures such as pipes and tunnels.

Compatible with

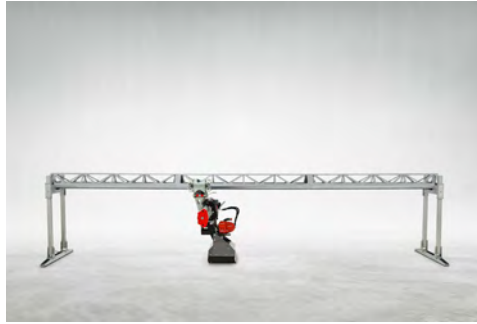


AQUAJET EQUIPMENT

For more information about Aquajet's full range of hydrodemolition equipment, please visit our website at www.aquajet.se.



Hydrodemolition robots



Aqua Rail Systems



Hydrodemolition high-pressure pumps



Wastewater treatment system



AQUAJET®