

PRESS RELEASE

Holsbybrunn, Sweden
October 2019

Aquajet Systems Introduces Aqua Centralizer For Tunnel and Pipe Applications

[Aquajet Systems AB](#), a global leader in Hydrodemolition machine manufacturing, introduces the [Aqua Centralizer](#). Its innovative design and high-quality engineering allow for effective cleaning or removal of concrete, paint, rust and coatings along an entire section of horizontal, vertical or inclined tunnels and pipes. The Aqua Centralizer works in conjunction with Aquajet's [Aqua Cutter](#) Hydrodemolition robots and high-pressure [Aqua Power Packs](#) to provide strategic concrete removal in roadbuilding, wastewater and industrial plant applications.

"Whether it's a brand-new design or a reconfiguration of our current technology to allow for new applications, Aquajet is constantly at the drawing board to help our customers stay ahead of the curve," said Roger Simonsson, Aquajet Systems AB managing director. "The Aqua Centralizer integrates key components of several of our existing designs to provide operators a new solution for working in pipes and tunnels more effectively than ever before."

The Aqua Centralizer uses elements of the [Aqua Spine](#) as the base for the unit while incorporating technology from the [Circular Power Head](#) attachment for concrete removal and cleaning applications. This includes a 360-degree ring and robotic power head with a 25-degree adjustable lance angle and variable stroke oscillation. The power head offers adjustable working angles from 0 to 360 degrees and automatic indexing along the spine rail, minimizing downtime from repositioning and optimizing productivity. Combined with one of Aquajet's Power Packs, which provide a pressure up to 40,000 psi, this flexibility offers contractors the power and precision to effectively clean steel pipes and remove concrete inside tunnels and pipes.

The modified Aqua Spine that makes up the base of the Aqua Centralizer can span up to 19.7 feet (6 meters) between a pair of triple support wheels. Supports feature adjustable caster wheels that are designed for 4.9- to 9.8-foot-diameter (1.5- to 3-meter-diameter) tunnels. For additional reach, the ring and circular power head can be mounted in front of the support wheels.

Centralizer rings are available in three sizes: 3.2 feet (1 meter) for 4.9- to 6.5-foot-diameter (1.5- to 2-meter-diameter) tunnels; 4.9 feet (1.5 meter) for 6.5- to 8.2-foot (2.0- to 2.5-meter) tunnels; and 6.5 feet (2 meter) for 8.2- to 9.8-foot (2.5- to 3-meter) tunnels. The powerhead adjusts up to 10 inches (25 centimeters) to facilitate the diameter ranges.

The Aqua Centralizer is easily assembled, allowing for maximum productivity. A single bolt attaches the power head to the circular rail, with the spine roller attaching to the central spine rail the same way. Additionally, the attachment's power head can be reversed for effectively removing concrete on the outside of pillars and pipes.

The Aqua Centralizer is one of several efficiency-enhancing attachments available for use with Aquajet's Aqua Cutter robots. It can be operated using Aquajet's Power Pack and stored, along with the robot, in the Power Pack container for easy transportation to and from the jobsite. It also provides a secure location for the duration of the job.

Aquajet offers a 1-year or 1,000-hour warranty on the Aqua Centralizer and their full line of Aqua Cutter accessories. The company provides operators with initial, onsite training, as well as more extensive training through its Aquajet Academy program. The Aquajet Academy covers all aspects of advanced Hydrodemolition, including streamlining work, safety practices, operating techniques and services.

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For more information on the Aqua Centralizer or other efficiency-enhancing Hydrodemolition attachments, contact an Aquajet team member at 800-621-7856 (USA) or +46-383-50801 (Sweden).

About Aquajet Systems AB

Aquajet Systems is known as the industry leader in Hydrodemolition machines and solutions, both in terms of quality and volume. The company's headquarters and production facilities are in Holsbybrunn, Sweden. Similar to Brokk, Aquajet sells globally.

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