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**Aquajet Offers the Ergo System, Redefining Compact Hydrodemolition**

**LAS VEGAS** (Jan. 16, 2023) — [Aquajet](http://www.aquajet.se/), a global leader in Hydrodemolition robot manufacturing, offers the [Ergo System](https://aquajet.se/products/ergo-go/). The robot provides four times the power of a hand lance in a compact footprint that contractors can easily move around the jobsite. It is ideal for work on floors, walls and ceilings.

Aquajet will highlight the Ergo System at [World of Concrete 2023](https://www.worldofconcrete.com/en/attendee.html), Jan. 17-19, in Las Vegas. Visit Booth C4119 to learn more.

The Ergo System incorporates: the controller unit, which powers and controls the hydraulics, the Ergo Power Head, which manipulates the high pressure lance, and either the spine or the climber, unique systems used to support and maneuver the power head, based on project needs. The climber attaches to any standard scaffolding pipes and robotically moves along it to deliver powerful hydrodemolition forces for vertical concrete removal and repair, such as high-rise construction.

The system exerts an impressive 1,000 newtons of reaction force, which is about half of the force employed by Aquajet’s Aqua Cutter 710V. The robot can handle higher volumes of water, as much as four times greater reaction force than a human operator with a hand lance. This means the machine can remove concrete faster and easier.

Hydrodemolition robots, such as the Ergo System, remove concrete to a preset depth consistently. Alternatively, a hand lance will likely leave inconsistent depths due to being held by an operator. This means contractors may have to do another pass with handheld breakers to even out the surface.

“The Ergo System is the perfect package for a contractor looking to break into Hydrodemolition or to expand their business,” said Roger Simonsson, Aquajet managing director. “Beyond its robotic intelligent sensing controls — which help to keep workers out of harm’s way — the system offers minimal maintenance, and costs less than a third of a full-size robot. It’s an affordable option for contractors.”

Contractors can easily move the 271-pound (123-kilogram) Ergo Controller unit around the jobsite and over soft or rough surfaces due to the wide wheels and low ground pressure. At just 44 inches tall and 17 inches wide, the Ergo transports easily on a pallet.

Additionally, the system is also service friendly with hydraulic hose multiconnectors that are 100 percent sealed from moisture to virtually eliminate the risk of leaks during transportation.

The Ergo System requires a high-pressure pump to operate. Aquajet offers a compact Power Pack ideal for the purpose, featuring a high-pressure Hammelmann pump, diesel engine and an integrated control system.

**About Aquajet**

Aquajet, which was acquired by Brokk AB in 2016, 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. For more information: Aquajet, Brunnsvagen 15, SE-574 53, Holsbybrunn, Sweden; +46 383 508 01; [aquajet@aquajet.se](mailto:aquajet@aquajet.se); [www.aquajet.se](http://www.aquajet.se); [YouTube](https://www.youtube.com/channel/UCIMkPmtq_wejkVProTqIghw); [Facebook](https://www.facebook.com/AquajetUSA/); [LinkedIn](http://www.linkedin.com/company/aquajetusa) and [Vimeo](https://vimeo.com/aquajetsystems). For more information in North America: Brokk Inc., 17321 TYE Street SE, Suite B, Monroe, WA 98272; 800-621-7856; [aquajet@aquajet.se](mailto:aquajet@aquajet.se); [www.aquajet.se](http://www.aquajet.se); [YouTube](https://www.youtube.com/channel/UCIMkPmtq_wejkVProTqIghw); [Facebook](https://www.facebook.com/aquajetsystems/); [LinkedIn](https://www.linkedin.com/company/aquajet-systems-ab); [Instagram](https://www.instagram.com/aquajet_systems/) and [Vimeo](https://vimeo.com/aquajetsystems).

**###**

**IMAGE:** Aquajet\_ErgoSystem.jpg

**CUTLINE:** Aquajet’s Ergo System is a compact Hydrodemolition machine designed for easy use in tight spaces.

**IMAGE:** Aquajet\_Multiconnectors.jpg

**CUTLINE:** Aquajet’s Ergo System is service friendly with hydraulic hose multiconnectors that are 100 percent sealed from moisture to virtually eliminate the risk of leaks during transportation.

**VIDEO:** <https://youtu.be/3ARAlAyiv_c>

**CUTLINE:** The Ergo System paired with the Ergo Climber from Aquajet exerts an impressive 1,000 newtons of reaction force, just half that of the company’s Aqua Cutter 710V, but in a smaller footprint. The Ergo System serves as an effective alternative to hand lances, producing as much as four times the water reaction force.

**Suggested Tags:** Aquajet, Ergo System, hydrodemolition, Brokk, concrete, demolition robot, concrete repair, concrete rehabilitation, World of Concrete

**Suggested Social Media Post:** *@AquajetSystems* offers the Ergo System — a compact Hydrodemolition machine that is easy to maneuver around the jobsite while offering power comparable to a standard machine. {link and photo}

**Facebook Handle:** @AquajetSystems, @AquajetNorthAmerica **LinkedIn Handle:** Aquajet Systems AB,Aquajet North America

**Instagram Handle:** @aquajet\_systems,@aquajetnorthamerica

**Vimeo:** @Aquajet Systems

**YouTube Handle:** @Aquajet Systems, @AquajetNorthAmerica