

**AQUA POWER PACK 270**  
High-pressure pump system

# A small box of power



**AQUAJET**



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# Compact high-pressure pump unit

Our Aqua Power Pack 270 is a high-pressure unit, specially designed for all types of hydrodemolition applications. On the outside it may look like a basic metal container, in a smaller version, but on the inside it's a completely different thing. An Aqua Power Pack is state of the art engineering and everything you'll ever need for your Hydrodemolition contracts in one place.

Our Aqua Power Pack 270 are way more than just motor and pump inside a 10 ft container. It provide easy handling for your robot, accessories, tools and other necessary equipment. Furthermore, it require minimum space at the construction site and are cost effective in both transport and set-up time.

### **Compact power**

Aquajet's Aqua Power Pack 270 have a powerful diesel engine, high-pressure pump and built-in diesel tank assembled in a 10 ft container. To operate the Power pack you only need fuel and water supply. No external electric supply is required.

## Features and benefits

### REVO control system

Our REVO Control system features all the functions you need to control and monitor the Power Pack. The system is safe and user friendly. Parameters are easily set on the graphic color display with iconic multi-language operator's instructions.

### Engine, pump and frame

We use Volvo diesel engines for all our Power Packs. Engines from other manufacturers are optional and can be installed with specific requirements. The base frame is installed on vibration isolators. All pipes and fittings surrounding the engine area are made from stainless steel and none-corrosive material.

### Remote control system

Our Power Packs feature a remote control system with pressure on/off switch and emergency stop. When the remote control is switched to the off position the system will depressurize the pump and high pressure hose and reduce the engine rpm to low idle.

### Catalytic converter

The muffler with catalytic converter is mounted inside the container to reduce the noise level on our standard Power Packs.

### Stainless steel booster

A stainless steel booster pump is mounted between the water tank and the high-pressure pump to provide adequate inlet pressure.

### Water-filter, water tank centrifuge and air bleeding

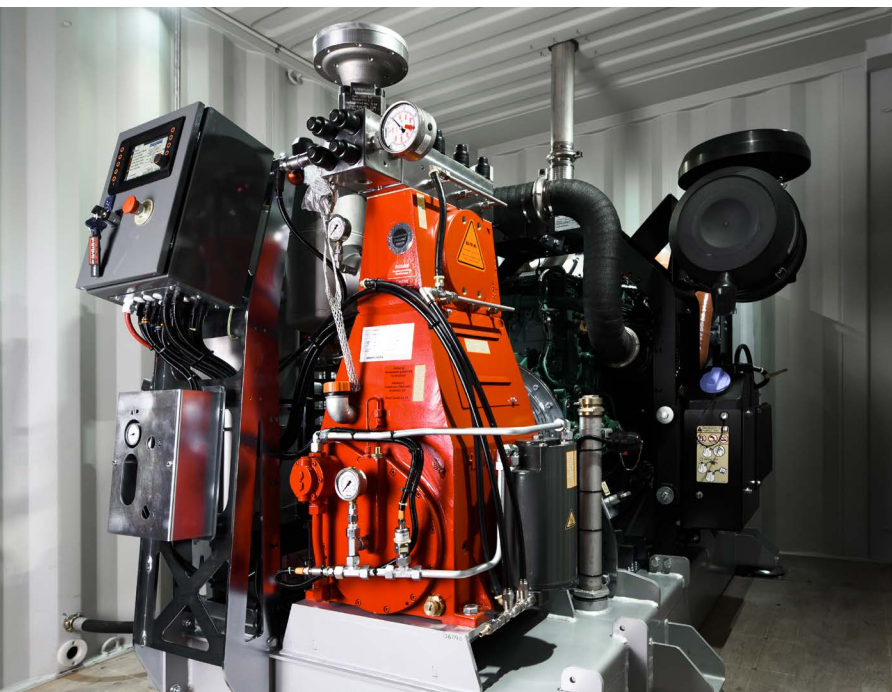
A bag type water filter prevents dirt particles from entering the system and pump. Specially designed water tank that centrifuges away air bubbles from the water, with level sensing and temperature control. Automatic air bleeding (without bleeding valves).

### Reliable and easy service

Clean and open design around the engine and pump provides unrivalled ease of access for both daily maintenance jobs such as checking oil levels, and periodic service jobs such as oil and filter changes. This means less downtime with maintenance work and more time for actual work.

### Optional equipment

- Revo remote control system is a mobile extension of our Revo control system.
- Radio remote control that can be docked with the robot's remote control
- Electric kit: Power inlet/outlet, battery charging system.
- Spark arrestor.
- Shut-down valve (gas alert valve).



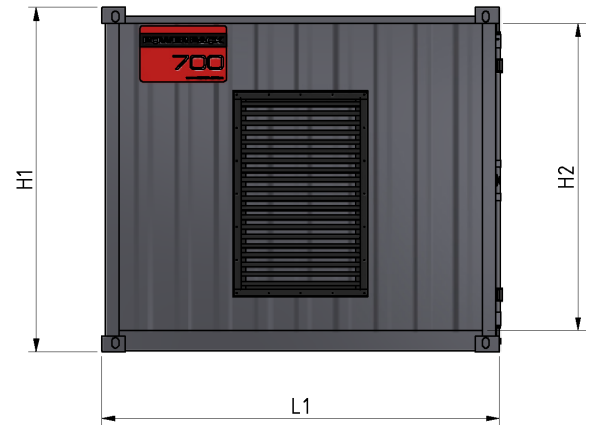
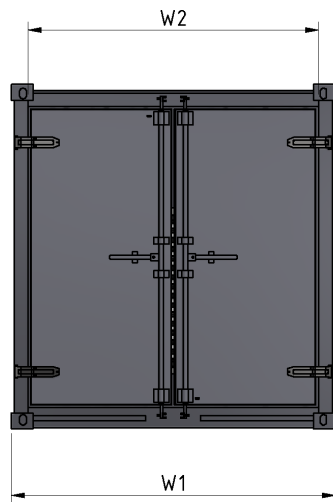


## Facts

Pressure* (UHP**)	2800 bar (40610 psi)
Flow* (UHP**)	40 l/min (10,6 US Gal/min)
Pressure* (option)	1200 bar (17404 psi)
Flow* (option)	87 l/min (23,0 US Gal/min)
Tank volume	520 l (137 US Gal)
Approx. weight	3650 kg (8046 lb)
Length (L1)	2,991 m (ISO 10')
Width (W1)	2,438 m (ISO 8')
Inner width (W2)	2,336 m (7,8')
Height (H1)	2,591 m (ISO 8,5')
Inner height (H2)	2,275 m (7,5')

\*Other pressures and flows are available upon request.

\*\* Ultra High Pressure.



## Reliable and easy service

The clean, open design of the Aqua Power Pack 270 provides easy access for routine maintenance operations such as checking fluid levels or oil and filter changes. This means less downtime for maintenance and more time getting the job done.