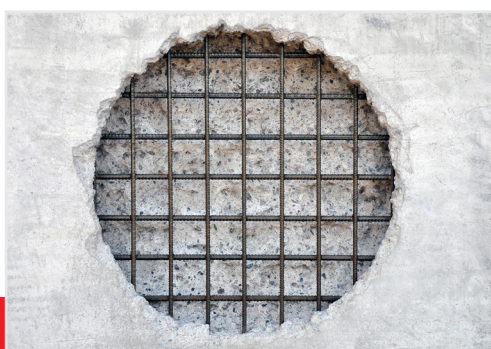
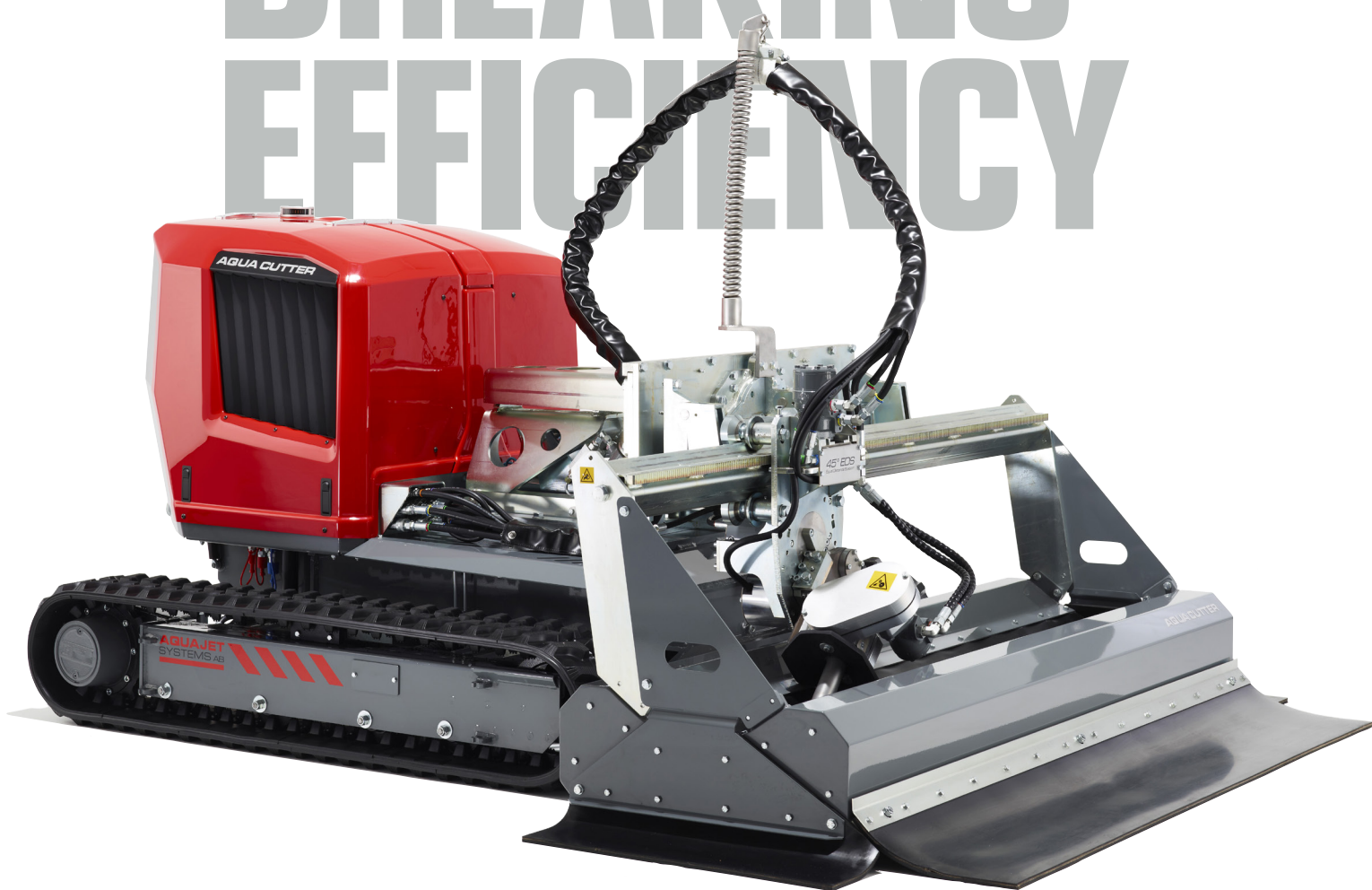


# GROUND- BREAKING EFFICIENCY



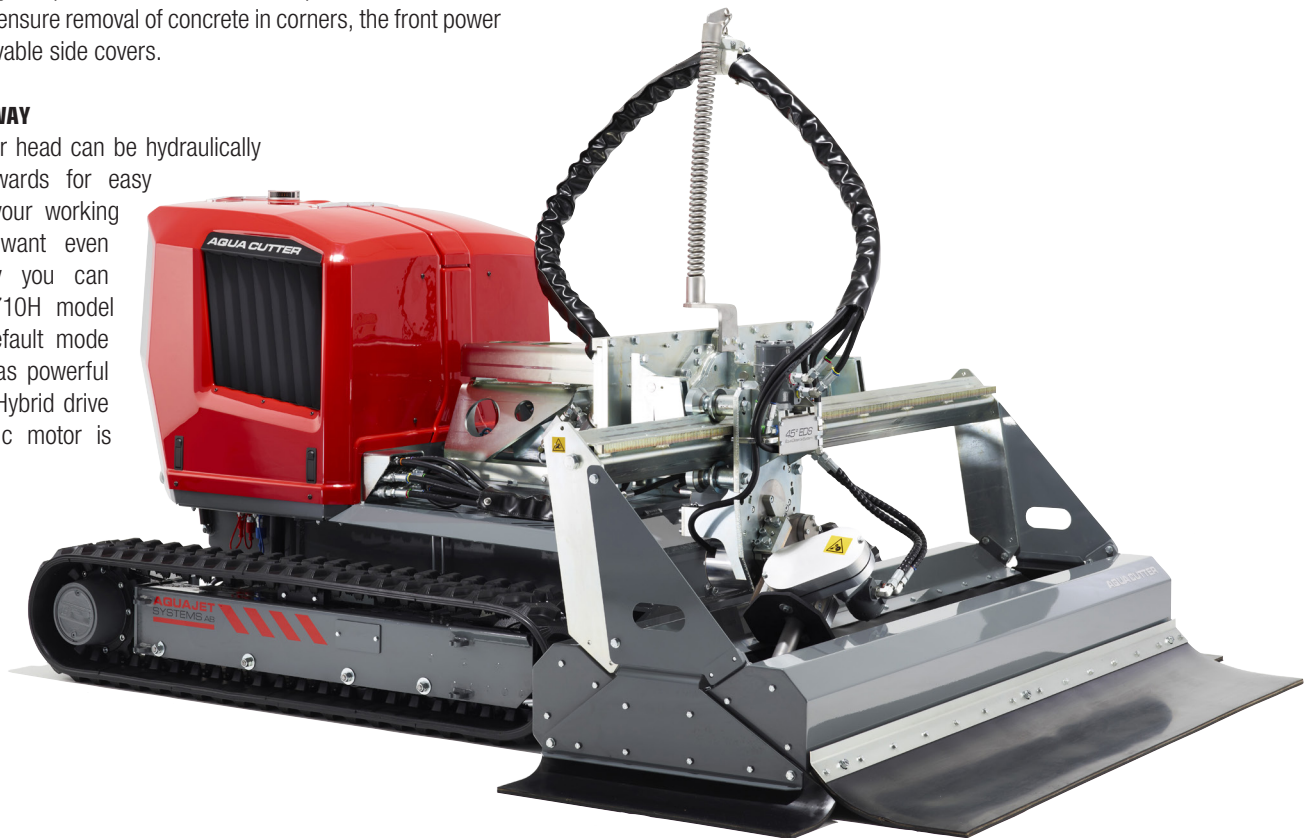
# GEARED FOR GREAT RESULTS

The AQUA CUTTER 710H is a Hydrodemolition robot for all kinds of horizontal operations. It's a powerful ally in slab areas such as roads, bridges, parking garages and runways. When you're in control it will do as you command. Basically, it provides efficiency and reliability whenever you start the engine.

The AQUA CUTTER 710H has a smart design and is specially geared for efficient horizontal operations. The front power head can move and tilt sideways to pass obstacles, and compensate for surface inclinations. To ensure removal of concrete in corners, the front power head has removable side covers.

## HAVE IT YOUR WAY

The front power head can be hydraulically tilted 90° upwards for easy inspection of your working area. If you want even more flexibility you can upgrade the 710H model to 710V. In default mode the robot has as powerful diesel engine. Hybrid drive with an electric motor is optional.



▶ Read more about this machine at [aquajet.se](http://aquajet.se)





# INNOVATIONS AND DESIGN

## // CLASSIC CONTROL SYSTEM

If you choose the AQUA CUTTER Classic control system you'll get our patented ISC system – Intelligent Sensing Control, with no cables or electronic sensors outside the enclosed engine hood. You'll also get the 30° EDS roller that keeps a set distance between the nozzle and the concrete.



The classic control system makes it very easy to program the robot and all speeds are set manually with hydraulic valves. You can easily program and determine your operation width and area thanks to mechanical stoppers on the front roller beam.

## // EVOLUTION CONTROL SYSTEM

If you choose the AQUA CUTTER Evolution control system you'll enable highly computerized robotic management for advanced operations. In addition, you'll get the 45° EDS roller that keeps a set distance between the nozzle and the concrete, without any water jet energy waste.



The Evolution control system allows you to program geometrical figures such as circles, triangles, squares and rhomboids. Today, it's the most sophisticated and flexible system on the market for Hydrodemolition robots.

## // HYBRID KIT

A hybrid kit is a powerful ally where a diesel engine is not allowed or appropriate, such as parking garages and inside of other buildings in urban environments. It's very easy to attach and uses an intelligent system to automatically disengage the on board diesel engine.



## // ROBOT INSIDE POWER PACK

All our 410 and 710 robots will fit into our 23' Power Packs. All in one package ready to go to the worksite and no need for an extra trailer. Robot is also protected from unauthorized intrusion inside the power pack during the night.



## // RADIO REMOTE CONTROL

A radio remote control allows you to operate the AQUA CUTTER robot from a safe distance, wireless or with a hard wire. That's up to you and the operation at hand.



## // EDS - EQUAL DISTANCE SYSTEM

All our AQUA CUTTER robots feature our patented EDS system, short for Equal Distance System. The EDS keeps a preset distance from the nozzle to the concrete surface, regardless of the attack angle of the water jet. This is a major advantage. Standard systems without EDS make the water jet lose a lot of power before it hits the concrete.



## // REMOVAL IN CORNERS

How do you reach corner areas where the wall and floor meet? Usually you need some kind of handheld trimming equipment. We have solved this problem in an ingenious way. With our robots you'll finish the job with only one overpass thanks to unique lance control and the EDS system. No hand lances. No adjustments. Perfect results.



## // OSCILLATION SYSTEM

The stroke can be changed in a minute to adapt for the scope of the work. A shallow cut requires a longer stroke and a deep cut needs a short stroke. This allows you to get a higher removal rate and better cut results in all situations.



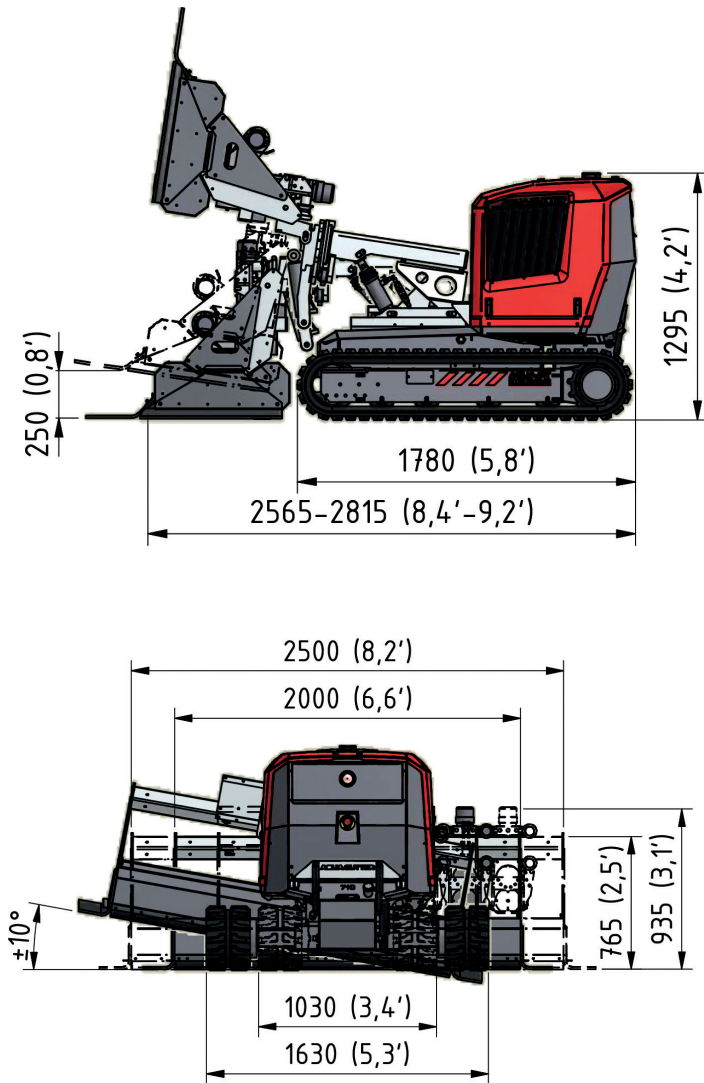
## // NOZZLES

At Aquajet we use unique ceramic nozzles, specially designed for highly demanding operations and all kinds of Hydrodemolition applications. The lifespan of a nozzle is up to 300-350 hours depending on the water quality. In terms of efficiency, our nozzles are unbeatable.



**aquajet.se**

# SPECIFICATIONS



## // TECHNICAL DATA CLASSIC

Total weight	2000 kg (4409 lb)
Length	2,57-2,82 m (8,4-9,2 ft)
Total width	2 m (6,6 ft)
Track width	1,03-1,63 m (3,4 -5,4 ft)
Min. height	1,3 m (4,2 ft)
Lance angle	±30°
Working width	0-2,14 m (0-7,0 ft)
Working width extended	0-4,14 m (0-13,6 ft)
Drive source	Diesel engine (electric optional) 14kW / 1850 rpm

## // TECHNICAL DATA EVOLUTION

Total weight	2000 kg (4409 lb)
Length	2,57-2,82 m (8,4-9,2 ft)
Total width	2 m (6,6 ft)
Track width	1,03-1,63 m (3,4 -5,4 ft)
Min. height	1,3 m (4,2 ft)
Lance angle	±45°
Working width	0-2,45 m (0-8,0 ft)
Working width extended	0-4,45 m (0-14,6 ft)
Drive source	Diesel engine (electric optional) 18kW / 1600-2600 rpm

## // COMPATIBLE ACCESSORIES

Hybrid Kit  
Rotolance  
Extension Kit

## // EXAMPLES OF APPLICATIONS

Bridges  
Parking garages  
Roads  
Airports

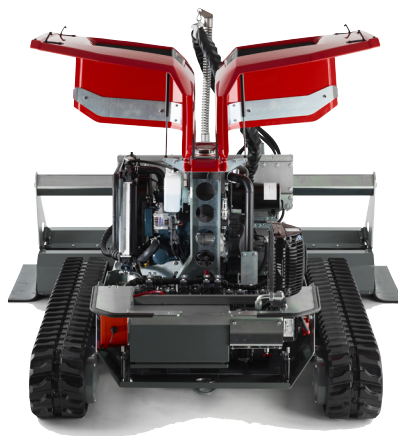


## RELIABLE AND EASY SERVICE

Innovative design provides unrivalled ease of access for all maintenance jobs. This means less downtime with maintenance work and more time for actual work.

### POP THE HOOD

The unique gullwing hood and foldable back cover of our cutter robots offer total access for both daily maintenance jobs such as checking oil levels, and periodic service jobs such as oil and filter changes.



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