

Latest State Of The Art For Hydrodemolition

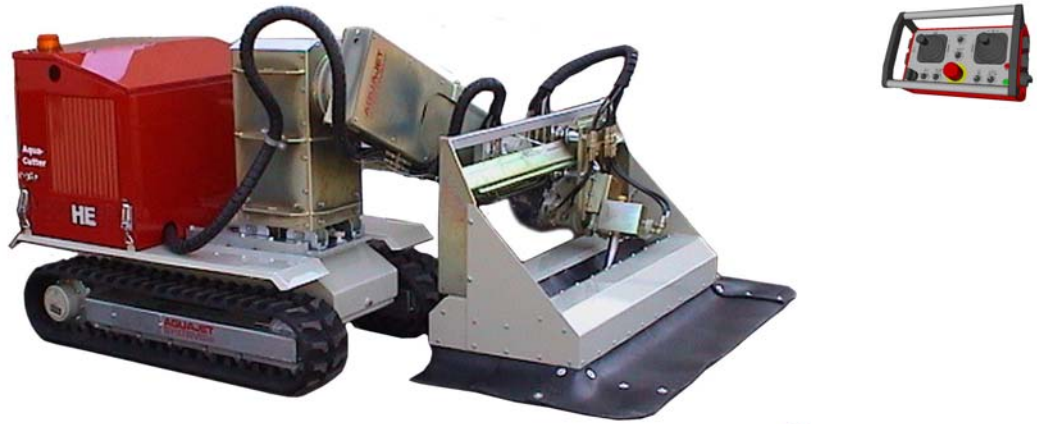
HDRA HERA

Diesel drive

Electric drive

Robot Arm

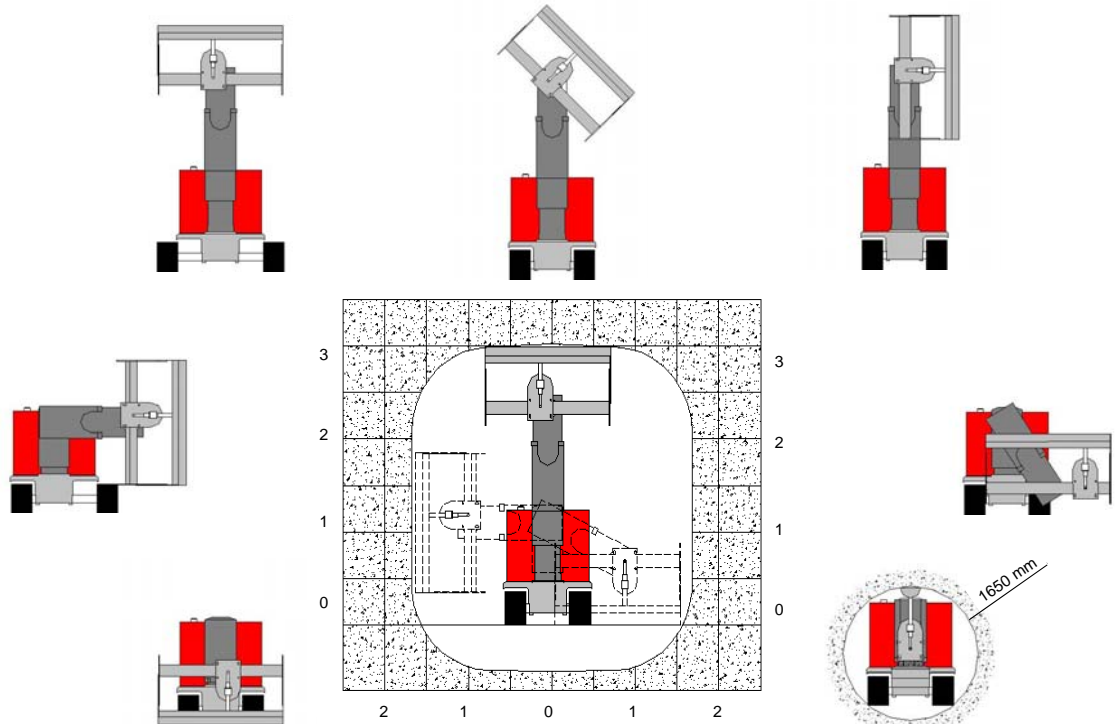
Remote Control



0492 HERA

ALSO AVAILABLE WITH THE EVOLUTION SMART LANCE® DESIGN

HYDRODEMOLITION



AQUAJET
SYSTEMS AB
PROVEN HYDRODEMOLITION EQUIPMENT



A market leader serving the global Hydrodemolition Industry

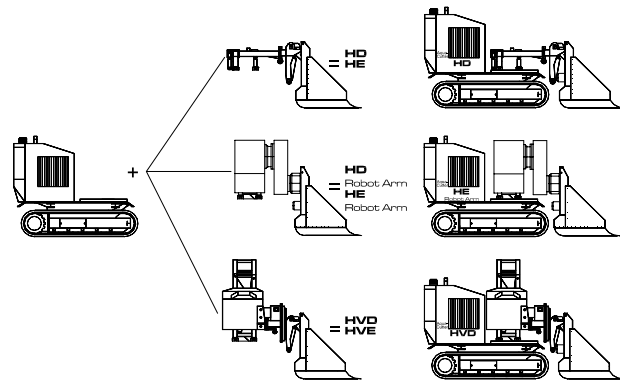
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The Design Advantages

- ✓ Versatile and compact design
- ✓ Fully operational on almost any surface
- ✓ Two extendable telescopic arms
- ✓ Hydraulic extendable rotating arm
- ✓ Hydraulic extendable base arm
- ✓ Two 360° rotating actuators on the arms
- ✓ Hydraulic base positioning for best reach
- ✓ Will reach narrow and confined areas
- ✓ Can operate narrow tunnels and pipes
- ✓ Steel construction for most stability
- ✓ Full working width in power head
- ✓ Efficient cutting head with EDS feature
- ✓ Adjustable stroke of oscillation
- ✓ Full range of accessories
- ✓ Can operate with different hydro tools
- ✓ Can be equipped with rotating tool
- ✓ CE and EMC certified design
- ✓ Fully computer controlled
- ✓ Free programming for custom designed hydrodemolition
- ✓ Individually hydraulically adjustable tracks
- ✓ Track control system for straight or curved indexing
- ✓ Electric motor or diesel engine
- ✓ Remote control box
- ✓ Wireless radio control on request
- ✓ Can be upgraded to the more versatile Aqua Cutter HVD/HVE

The System Advantages

- ✓ No vibration
- ✓ No rebar damage
- ✓ Will clean between and under the rebars
- ✓ Faster than mechanical removal methods
- ✓ Selective removal system
- ✓ Minimizes removal of good concrete
- ✓ No additional structure damage
- ✓ No micro or macro cracks
- ✓ Less labor intensive
- ✓ No dust pollution
- ✓ No Crystalline Silica dust
- ✓ Helps to prevent injury to operator caused by vibration or heavy lifting
- ✓ Will clean the rebars



044080200

The compact HD/HE ROBOT ARM is exceptionally suitable for work in confined spaces and areas, such as parking garages, small tunnels, bridge girders, water channels and similar assignments. The ROBOT ARM has two 360° pivoting actuators and two hydraulically expansible arms for most outstanding reach and manoeuvrability. Those features enables the operator for fast and easy positioning of the power head in any direction. All positioning is hydraulically manoeuvred from a safe distance on the remote control, no manually adjustments or use of tools is required for positioning of the ROBOT ARM. The standard power head can be replaced with different water jetting tools and any of the Aqua Cutter hydraulically driven Rotolances. The ROBOT ARM can be delivered as an accessory to existing robots. The change between the standard manipulating front and the ROBOT ARM is simple and easy to do, all hydraulically and electronic controls are connected to the integral control system on the robot.

TECHNICAL DATA

	HD Robot Arm HE Robot Arm	With Evolution design
Min length approx.	2480 mm (97.6")	2520 mm (99.2")
Max length approx.	2730 mm (107.4")	2770 mm (109")
Width of power head	1500 mm (59")	1500 mm (59")
Working width range	0-1500 mm (0-59")	0-1900 mm (0-74.8")
Width of track	1030-1510 mm (40.5-59.4")	1030-1510 mm (40.5-59.4")
Weight approx.	1700 / 1600 kg (3750-3500 pds.)	1700 / 1600 kg (3750-3500 pds.)
Operating height on ceilings	980 - 3000 mm (38.6-118")	980 - 3000 mm (38.6-118")
Drive source	Diesel engine or Electric motor	Diesel engine or Electric motor

AQUAJET
SYSTEMS AB
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