

Latest State Of The Art For Hydrodemolition

HVD-6000TC

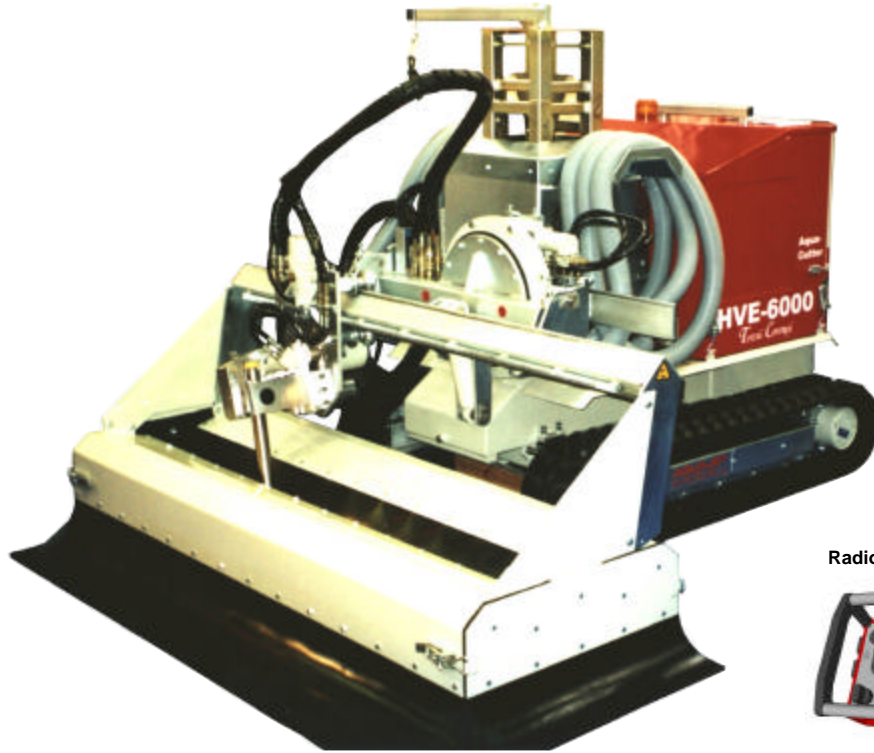
Diesel drive

HVE-6000TC

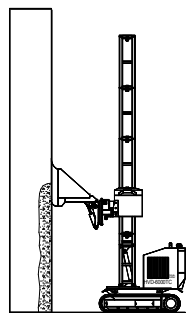
Electric drive

HYDRODEMOLITION

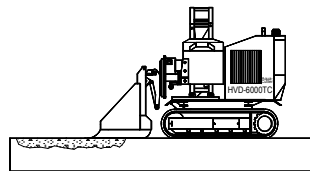
Versatile compact and efficient



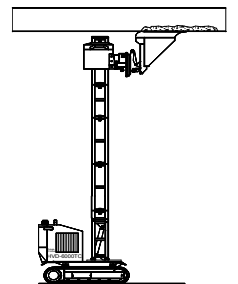
Radio Remote Control



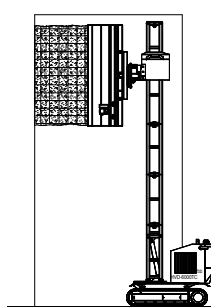
VERTICAL



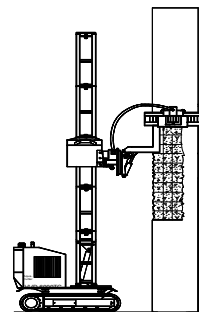
HORIZONTAL



OVERHEAD



VERTICAL



PILLARS

A market leader serving the global Hydrodemolition Industry

AQUAJET
SYSTEMS AB
PROVEN HYDRODEMOLITION EQUIPMENT



B48
0108

The Design Advantages

- ✓ Individual hydraulically adjustable track width
- ✓ Electric motor or diesel engine
- ✓ Efficient cutting head with EDS, Equal Distance System, feature
- ✓ Adjustable stroke of lance oscillation
- ✓ Extended working width in the power head
- ✓ Removable side covers for best access where necessary, for example in corners
- ✓ Versatile and compact design for operation almost anywhere on almost any surface
- ✓ Hydraulic 360° rotation and 90° tilt of the front
- ✓ Hydraulic sideshift of the power head, 800 mm
- ✓ Additional operating height on request
- ✓ Fully computer controlled
- ✓ Track control system for controlled straight or curved movement
- ✓ Hydraulic mast positioning for better reach
- ✓ Hydraulic mast tilt for tower assembly
- ✓ Steel mast in sections to fit every height

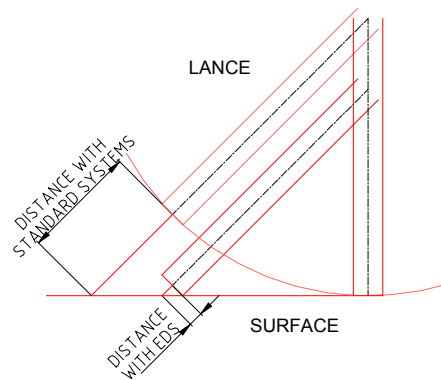
The Design Advantages

- ✓ Full range of accessories
- ✓ EMC tested and CE approved design
- ✓ Radio Remote Control unit for safer operation
- ✓ Unlimited program setting and saving
- ✓ Parameters are set and adjusted on the display
- ✓ Adjustable lance attack angle to $\pm 44^\circ$ through the patented EDS system
- ✓ Programming for different removal depths and widths in the same over pass
- ✓ Select independent angles of lance attack before the robot index
- ✓ Will calculate and display the removal area from the current settings
- ✓ View current production data
- ✓ Keeps track on and verifies the actual removed area during and after operation
- ✓ Easy to learn and operate computer system.
- ✓ Compensates fluctuating operational parameter caused by ambient temperature changes

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
- ✓ Substantial labour-savings
- ✓ No dust pollution
- ✓ No Crystalline Silica dust
- ✓ No injury to operator caused by vibration or heavy lifting
- ✓ Will clean the rebars
- ✓ Superior bonding surface
- ✓ Less Labour intensive

EDS - Equal Distance System



Aquajet Systems EDS will optimize your production rate and quality performance. By combining the selected lance angle of attack with the minimum distance between the lance tip and the surface.

TECHNICAL DATA

	HVE-6000TC	HVD-6000TC
Length min.	2590 mm (102")	2590 mm
Length max.	2840 mm (112")	2840 mm
Total width	2000 mm (78.7")	2000 mm
Min. width	1200 mm (47.25")	1200 mm
Working width range	0-2200 mm (0-78.7")	0-2200 mm
Width of track	1030-1510 mm (40.5"-60")	1030-1510 mm
Weight	1800 kg (4000 lb.)	1900 kg (4200 lb.)
Height min.	1575 mm (62")	1575 mm
Operating height standard	6000 mm (19.7")	6000 mm
Drive source	Electric motor	Diesel engine

AQUAJET
SYSTEMS AB
PROVEN HYDRODEMOLITION EQUIPMENT



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