

# ROCKIN' AROUND THE CONCRETE



# UP, DOWN AND AROUND

The Circular Power Head is a 360° ring in two half pieces that can be wrapped around concrete pillars of nearly any diameter. It enables the cutter robot to operate on a pillar without moving. In many cases, it's an invaluable asset that makes your work significantly easier.

The roller travels at a preset distance from one side of the pillar to the other by the robot control system. When the required depth is reached, the head moves upwards or downwards depending on the preset direction.

The CPH is attached to the AQUA CUTTER robot with its centre displaced from the turn plate. This allows the CPH to reach the top of the pillars before the tower hoist reaches the underside of a bridge or a ceiling of an enclosure, such as a parking garage or factory. When the CPH is rotated 180° it's possible to cut below grade. The offset distance can be extended for deeper below grade requirements.

## // TECHNICAL DATA

Pillar diameter \_\_\_\_\_ 0,7-1,2 m (2,3-3,9 ft)

Working angle \_\_\_\_\_ 360°

Oscillation \_\_\_\_\_ Yes

Lance angle \_\_\_\_\_ Preset

Special size and configuration on request.

## // COMPATIBLE PRODUCTS

AQUA CUTTER 410V

AQUA CUTTER 710V

AQUA SPINE

## APPLICATIONS

### // ROBOT OR AQUA SPINE

The Circular Power Head will work with the Aqua Cutter 410V / 710V and Aqua Spine.

### // PILLARS / PILES

Pillars and columns are supporting structures and often exposed to various wear and tear such as salt water, tide zones and waves, moving ice, as well as mechanical impact from vessels and vehicles, deicing salt on the roads, freeze-thaw cycles, earthquakes and incorrect construction.

### // BRIDGES

Bridge pillars are exposed to splashing water from the road, acid rain, mechanical impact from vehicles, salt and freeze-thaw cycles.

### // PARKING GARAGES

Water, salt, oil and fuel exposing from cars are all bad news for the concrete structure including the pillars, because they will accelerate the structures wear and weakening. Parking garages are exposed to all those elements.

### // BERTHS / PIERS

Pillars supporting berths and piers are mostly exposed to salty water but also other factors are affecting and decreasing the life cycle time. Tide zones and waves, moving ice, mechanical impact from vessels, freeze-thaw cycles are just some of them.

### // UNDER WATER

The Circular Power Head, attached to the Aqua Spine, will as well operate under water.



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