327 TOOLS

PRODUCT DATA SHEET

Standard

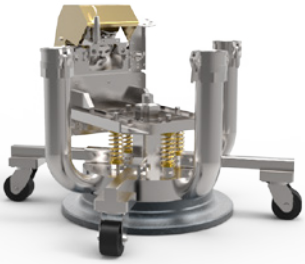
The standard tool for 327 is suitable for use on flat surfaces, both horizontal and vertical. The cutting width can be customized to fit different situations, ranging from 1,5 metres and up.

Application	Concrete
Weight	150 kg
Cutting depth	Shallow-deep
Height	640 mm
Width	1620 mm
Cutting width	1500 mm

Surface preparation

The surface preparation tool is designed for removal of the topmost layer of concrete and steel surfaces. The rotor is normally equipped with 2-4 nozzles for concrete removal and up to 20 nozzles for surface preparation.

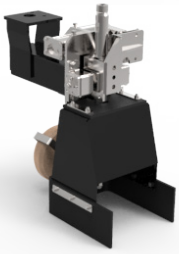
Application	Concrete / Steel
Weight	45 kg
Cutting depth	Shallow
Flow	100 / 40 l/min
Pressure	1500 / 3000 bar
Cutting diameter	250 mm



Ship cleaning

The ship cleaning tool is designed specifically for removal of paint, rust and barnacles from ship hulls and other curved steel surfaces. The waste water is collected through three pipes connected to a vacuum dome. Inside the dome, a rotor with 20 nozzles is mounted.

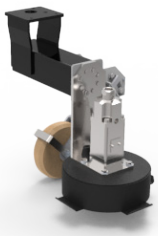
Application	Steel
Weight	330 kg
Cutting depth	Shallow
Flow	40 l/min
Pressure	3000 bar
Height	700 mm
Cutting diameter	375 mm



Tunnel oscillator

The tunnel oscillator tool is suitable for working in smaller concrete tunnels and pipes. It is equipped with a small oscillating cassette and often attached to an extension arm, depending on the size of the tunnel. A distance measuring device ensures close removal of concrete.

Application	Concrete
Weight	60 kg
Cutting depth	Medium
Height	390 mm
Width	250 mm
Cutting width	1500 mm



Tunnel rotor

The tunnel rotor tool is suitable for the same applications as the tunnel oscillator, but on steel surfaces instead of concrete. The oscillating cassette is replaced by a rotating movement. A distance measuring device is featured on the rotor as well.

Application	Steel
Weight	45 kg
Cutting depth	Shallow
Flow	40 l/min
Pressure	3000 bar
Cutting diameter	220 mm
Height	500 mm

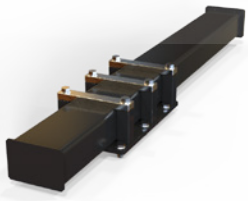
Conjet

ADDITIONAL EQUIPMENT

Base extension

The base extension is used to adjust the center of rotation for the arm when working in tunnels or pipes. It can also be used to increase the reach of the robot in combination with the arm extension.

Weight	40 kg
Height	150 - 600 mm



Arm extension

The arm extension is attached to the boom arm for work in tunnels with larger diameters or for giving the robot extended reach. When extended, the robot can reach up to 3 m.

Weight	27 kg
Length	1200 mm

Tower kit

The tower kit is mainly used for removal of concrete in front of the robot on high structures, such as walls and pillars. Depending on the working height, it can be necessary to bolt the tower to the top of the structure.

Weight (base)	230 kg
Weight (section)	27 kg
Height (base)	1600 mm (2x800)
Length (section)	800 mm

Fork nozzle

The fork nozzle can replace the regular nozzle in the standard tool, providing a similar result to the rotor in terms of surface finish. It is mainly used for scarification.

Application	Concrete
Cutting depth	Shallow

Winch kit

The winch kit is used for working in slopes or places where it is hard for the robot to maintain traction. The stepping process is performed on the tracks and on the winch simultaneously. The winch kit is attached to the back of the robot.

Weight	35 kg
Wire length	Per request

Wireless kit

The wireless kit is a signal receiver for the powerpack and allows for wireless communication between robot and pump. Pressing any of the emergency stops on either the robot, control box or powerpack shuts down all hydrodemolition equipment, including the high pressure water.

Weight (receiver)	4,5 kg
Weight (sender)	1,6 kg
Range	100 m

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