

437 TOOLS

PRODUCT DATA SHEET



Heavy duty (standard)

The heavy duty tool is the most powerful tool on the market for large-scale horizontal hydrodemolition. It is the standard tool for robot 437 and can handle reaction forces up to 4000 N without exposing the user to shooting pebbles and concrete water.

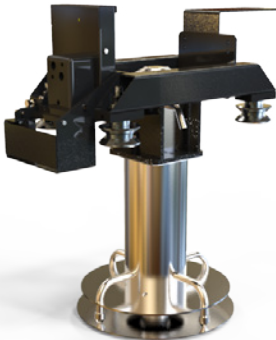
Application	Concrete
Weight	630 kg
Cutting depth	Medium-deep
Height	960 mm
Width	2220 mm
Cutting width	2200 mm



Twin lance

The twin lance is mainly used for low to medium depth removal of concrete at very high rates. Each lance is connected to a high pressure pump. The twin lance replaces the single lance included in the standard heavy duty tool.

Application	Concrete
Weight	25 kg
Cutting depth	Shallow-medium
Length	700 mm



Rotor (small)

The small rotor can be fitted instead of the standard lance in the heavy duty tool. It is mainly used for surface treatment applications.

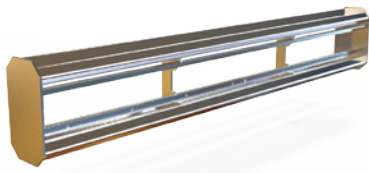
Application	Concrete
Weight	60 kg
Cutting depth	Up to 30 mm
Height	



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.

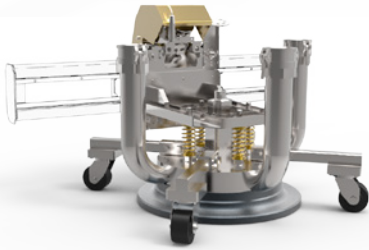
Application	Concrete
Cutting depth	Shallow



Rotor feed beam

The rotor feed beam is used together with the ship cleaning or rotor tool, in order to achieve a correct mounting for the tools' rollers.

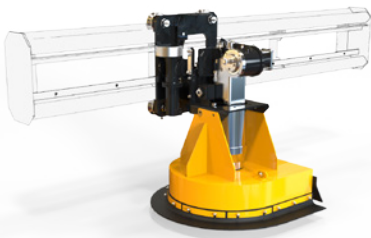
Application	Ship cleaning / Rotor
Length	2000 mm



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



Rotor

The rotor for Robot 437 is suitable for cleaning applications or scarification of all surfaces. The rotor is normally equipped with 2-4 nozzles for concrete removal and up to 20 nozzles for surface preparation.

Application	Steel / concrete
Weight	160 kg
Cutting depth	Shallow
Flow	150 / 250 l/min
Pressure	2500 / 1500 bar
Height	850 mm
Cutting diameter	400 mm

ADDITIONAL EQUIPMENT



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

