

**Conjet**  
**Robot 557**

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APPLIED WATERJET TECHNOLOGY



# Conjet Robot 557

## A diesel powered, compact and user-friendly robot with reach and stability

Conjet Technology removes concrete without causing cracks or damaging the reinforcement, resulting in a good bonding surface.

The track-driven, diesel powered Conjet Robot 557 combines a flexible Multi Purpose Arm (MPA) with the stability of an adjustable main body to create a versatile and compact robot with reach. The vertical reach can be extended further by mounting a tower tool or mast kit on the robot.

### Suitable applications:

- Parking decks
- Bridges
- Tunnels
- High walls
- Quays and docks

### Do not forget!

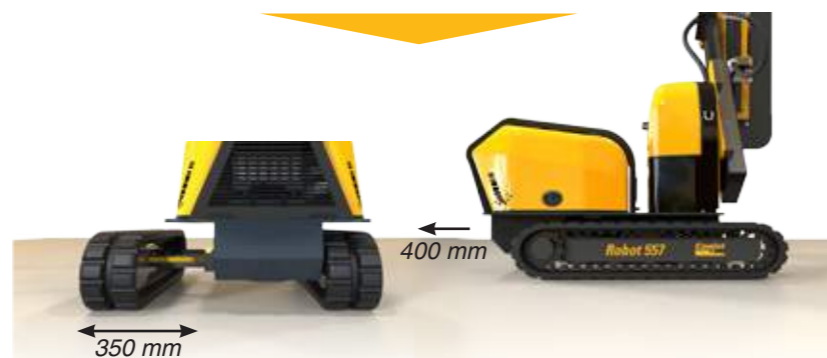
With Conjet technology, it is always possible to choose our patented wireless control of the powerpack for improved worksite safety and easier operation.



Wireless communication between robot and powerpack

### Stability

Stability is the key to safe hydrodemolition. Robot 557 offers two ways of adjusting its stability: extending the tracks from 1200 mm width to 1900 mm, or sliding the main body backwards by 400 mm and shifting the robot's center of gravity.



### Features

- Easy access to engine and hydraulics for daily maintenance and repairs
- 5 m vertical reach with the versatile MPA arm
- The main body of the robot slides back up to 400 mm for increased stability
- Different tool configurations cover a wide range of tasks
- Tower / Mast kit for extended vertical reach
- Compact and ergonomic design
- Covered hydraulics
- Diesel powered

### Easy maintenance and service

Robot 557 is equipped with a protective hood specially designed to facilitate daily checks and service.



All service points are accessible through the two side hatches



Flexible MPA arm with standard tool



MPA tool with Mast kit



Tower kit

Control panel with display on an ergonomic surface

The main body can be slid back 400 mm for increased stability

Large side hatches provide easy access to engine and hydraulics



Conjet ONE control box



The engine service area is completely accessible by opening the left side hatch



The control panel features a large display used for advanced hydrodemolition settings and the engine ignition and throttle



For thorough maintenance and repair, the whole hood can be tipped backwards

### Extra reach\*

The tower kit can be mounted instead of the MPA configuration, enabling reach on high pillars and walls. For ensured safety and stability, the tower is bolted to the working surface. There is also a Mast kit suitable for quays and dams, which is mounted on the MPA telescopic arm.

\*Tower and mast kit are subject to future development.

### Conjet ONE

Robot 557 features the Conjet ONE system, which utilizes an extremely easy to use radio remote control box. All operations can be configured from the control box or the display on the robot, which results in shorter startup time and higher efficiency.

# ROBOT 557 DATA SHEET

## Configurations

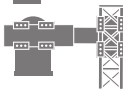
ARMS



Multi Purpose Arm  
(Standard)



Future  
developments



TOOLS



Standard



Rotor



Ship cleaning  
/ Surface preparation

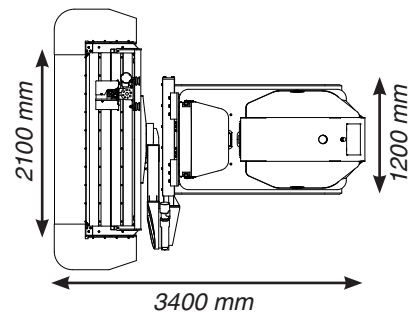
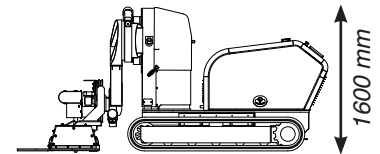
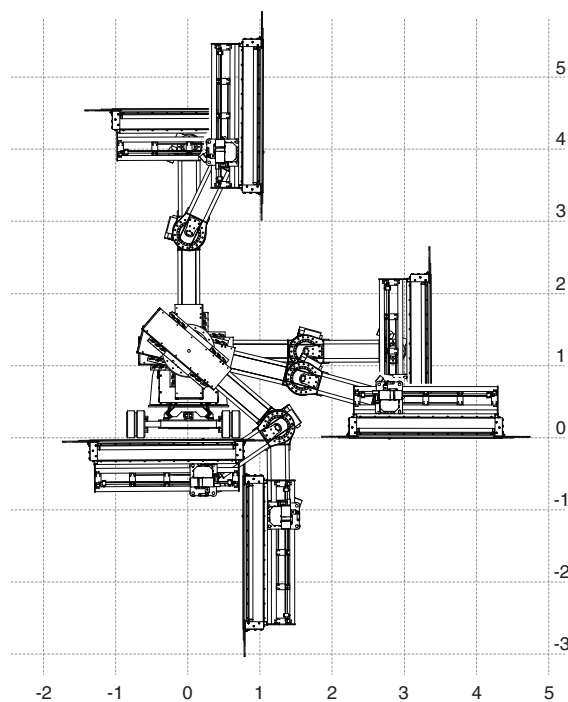


Radius



Custom

## Cover chart -standard configuration



## Suggested powerpacks:

Do not forget the powerpack supplying the robot with high pressure water! Suitable powerpacks for Robot 557 range in power from 380 kW to 800 kW, depending on the application. Further information concerning powerpacks can be found in the powerpack brochure or product overview brochure.

## Technical Data -standard configuration

Weight	2500 kg (5500 lb)
Length	3400 mm (11ft 2in)
Width / with extended tracks	1200 / 1900 mm (3 ft 11 in / 6 ft 3 in)
Width, feed beam	2100 mm (6 ft 11 in)
Height, minimum (tool / body)	1600 / 1250 mm (5 ft 3 in / 4 ft 1 in)
Cutting height vertical	5000 mm (16 ft 5 in)
Cutting height overhead	4200 mm (13 ft 9 in)
Cutting below track level	2200 mm (7 ft 2 in)
Cutting width	2100 mm (6 ft 11 in)
Maximum reaction force	3000 N
Power supply	Diesel engine, Yanmar

CE, EMC certified

Pictures are illustrative only and do not necessarily show the configuration of the products on the market at the given point in time. These products must be used in conformity with safe practice and applicable statutes, regulations, codes and ordinances. Subject to change without prior notice.  
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