

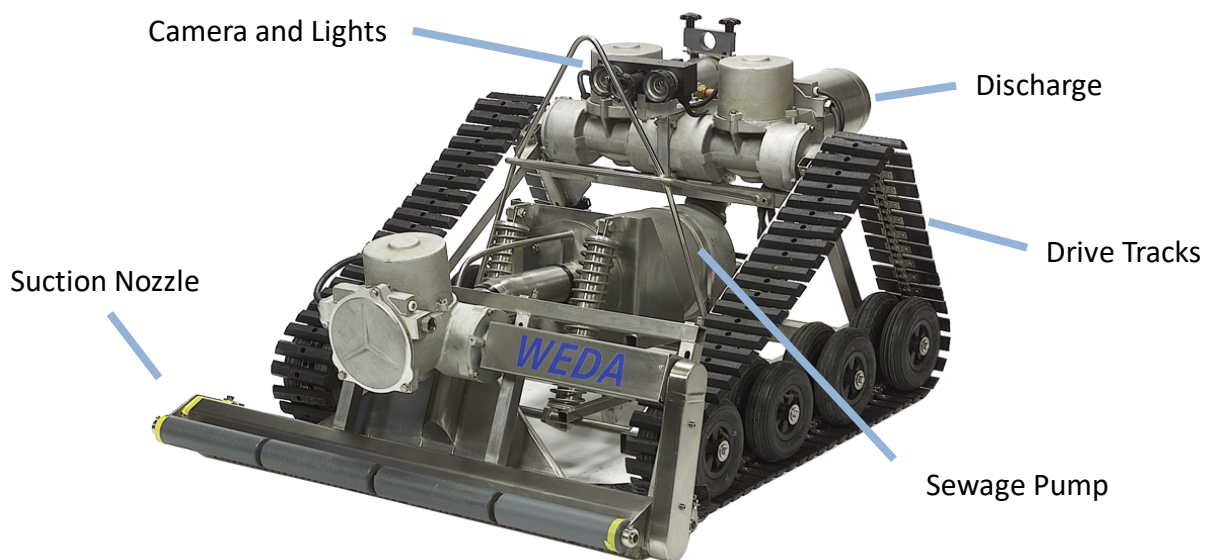
# Technical Specifications

## WEDA YT800 Submersible Surface Cleaner

### Description

The YT-800 is an electricity-operated remote controlled submersible robot for cleaning large underwater surfaces, such as the bottom of sedimentation tanks. The powerful pump and wide nozzle make it possible to clean large areas in a relatively short time. The sediment is pumped through a hose to a designated point of discharge, such as a sand treatment station or collection tank. With the YT-800, cleaning can be carried out while the basin operations are kept online.

Easily operated by one person, the YT-800 is remote controlled using a radio hand box. The vehicle can be equipped with underwater cameras to facilitate long-distance operation from a van or operations room for example.



### Technical Specifications

Dimensions L x W x H	1300 x 1150 x 900 mm
Weight in Air (machine only)	250 kg
Suction Nozzle Width	1.3 meters
Jumper Cable Range	120 meters
Max Depth of Operation	7 meters
Speed	0.2 m/s
Max Water Temperature	40 Degrees
Power Requirement	400V, 3 Phase, 32 A
Sealing Rating	IP68

## Pump Specifications

Pump Manufacturer	ABS
Pump Model	AFPSX1032.1 M60/4
Rated Voltage	400V 3~
Motor Power - P1	7.22 kW
Motor Power - P2	6.00 kW
Rated Current	12.5 A
Speed	1450 r/min
Weight	110 kg
Max. Head	16m
Min. Head	9.7m
Max. Flowrate	107 m <sup>3</sup> /hr

## Pump Performance Curve

