



gridbots



STINGER WD

PIPE OPERATION ROBOT

STINGER WD

PIPE OPERATION ROBOT

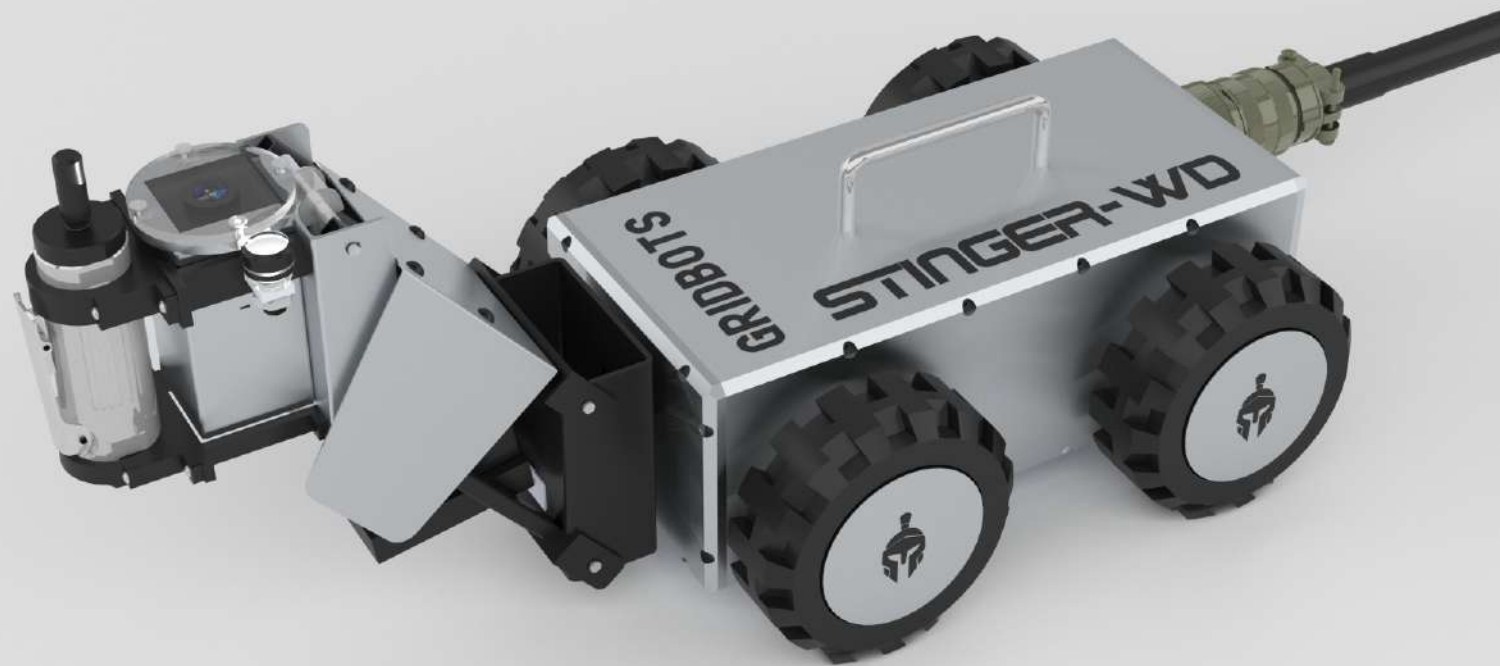
Stinger-WD is a pipeline operations robot which can be used to inspect and perform operations inside the pipelines.

It operates in the pipes of sizes ranging from 50 mm to 5000 mm in diameter and can operate in variety of material of pipes.

The robot can work in extreme environments and it IP68 rated .It can carry various tooling inside the pipelines for welding, cutting, grinding, lapping and inspection operations.

It has twin Full HD camera units with LED illuminators which ensure that the operation can be monitored from various angles with utmost visibility.

The robot can work both in completely auto and manual modes with multitude of sensors and actuators on board.



VARIANTS

Wheels Powered Wheels	Provide Cable Length Upto 100 Meters
Payload Multiple Actuators	Robot Weight 20 Kgs
Drive Type Active Servo Motors	Power Single Phase AC 1KW
Moving Speed Maximum of 50 MM/Sec	Cameras 2 UHD Camera[1 - Top Front Facing. 1- Belly Mount]
Encoder Motion Resolution 0.1 mm Increments	Remote Control Tether Cable with Steel Rope
Sensor Sound/Gas/Light/CBRN	Build Material SS-316

SENSORS

Water Quality Sensors IMU Sensor Depth Sensor Sound Sensor

ENVIRONMENTAL

IP Rating
69 Temperature
5°C to 65°C Humidity
95%, Non-Condensing

MOST POWERFUL ROBOT FOR INSPECTING DIFFICULT TO REACH SPACES



PNEUMATIC AIR GRINDER



HIGH RESOLUTION VISUAL INSPECTION



SAVE MONEY ON MANUAL OPERATIONS



100% SECURE
100% SAFE



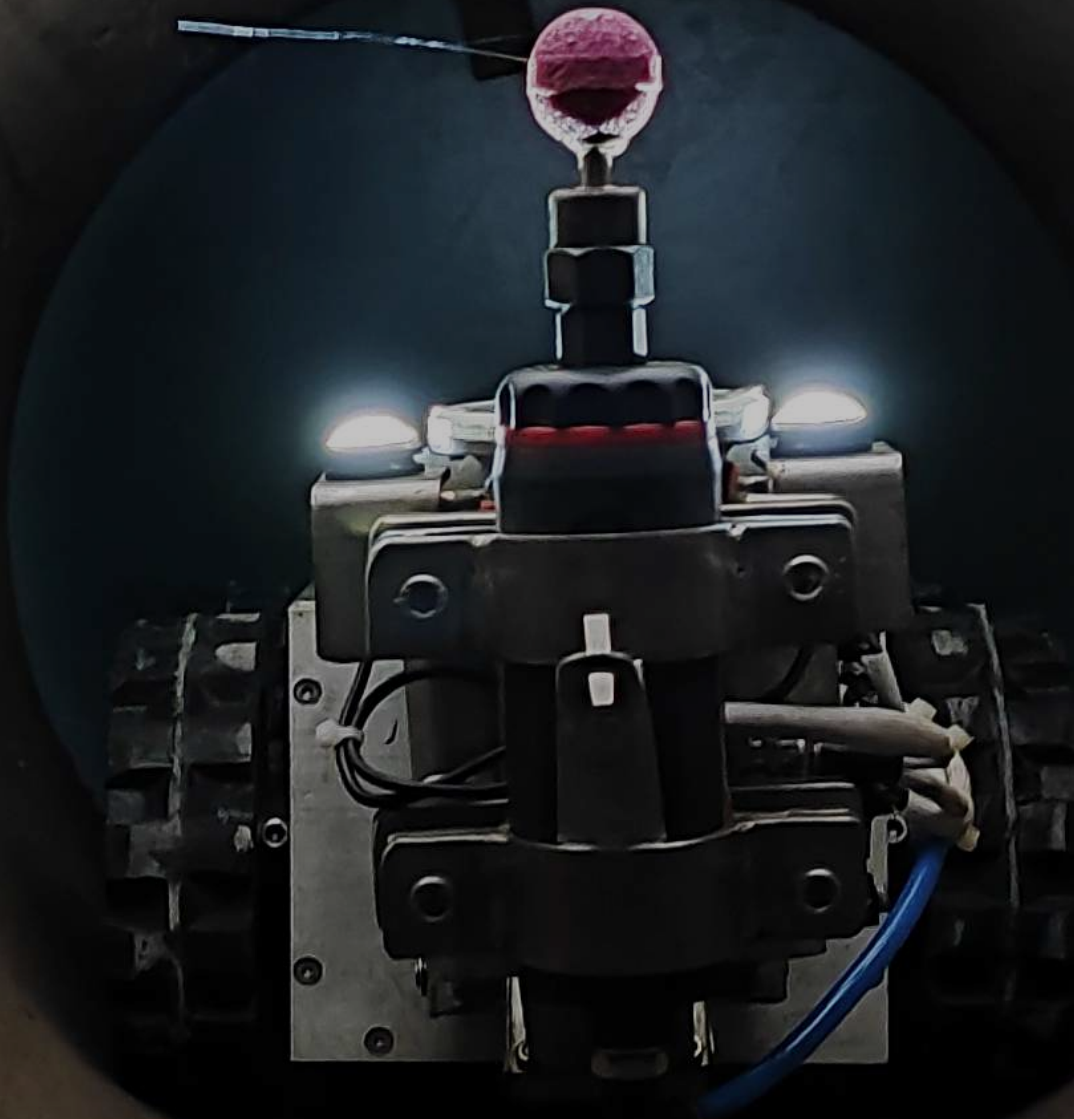
STINGER WD



CONTROL UNIT



100 METER CABLE



GRIDBOTS TECHNOLOGIES PVT. LTD.

Main Office Address

Office #306, Maharana Pratap Complex,
Behind V.S. Hospital, Ashram Road,
Ahmedabad - 380006,
Gujarat, India.

Factory Address

Survey No. 157, Fatehwadi,
Kismat Estate, Near Alwish Motors,
Sanathal-Bakroal Ring Road,
Ahmedabad-382210.

Contact

M. :+919924826584
Email Id : contact@gridbots.com
Website : www.gridbots.com