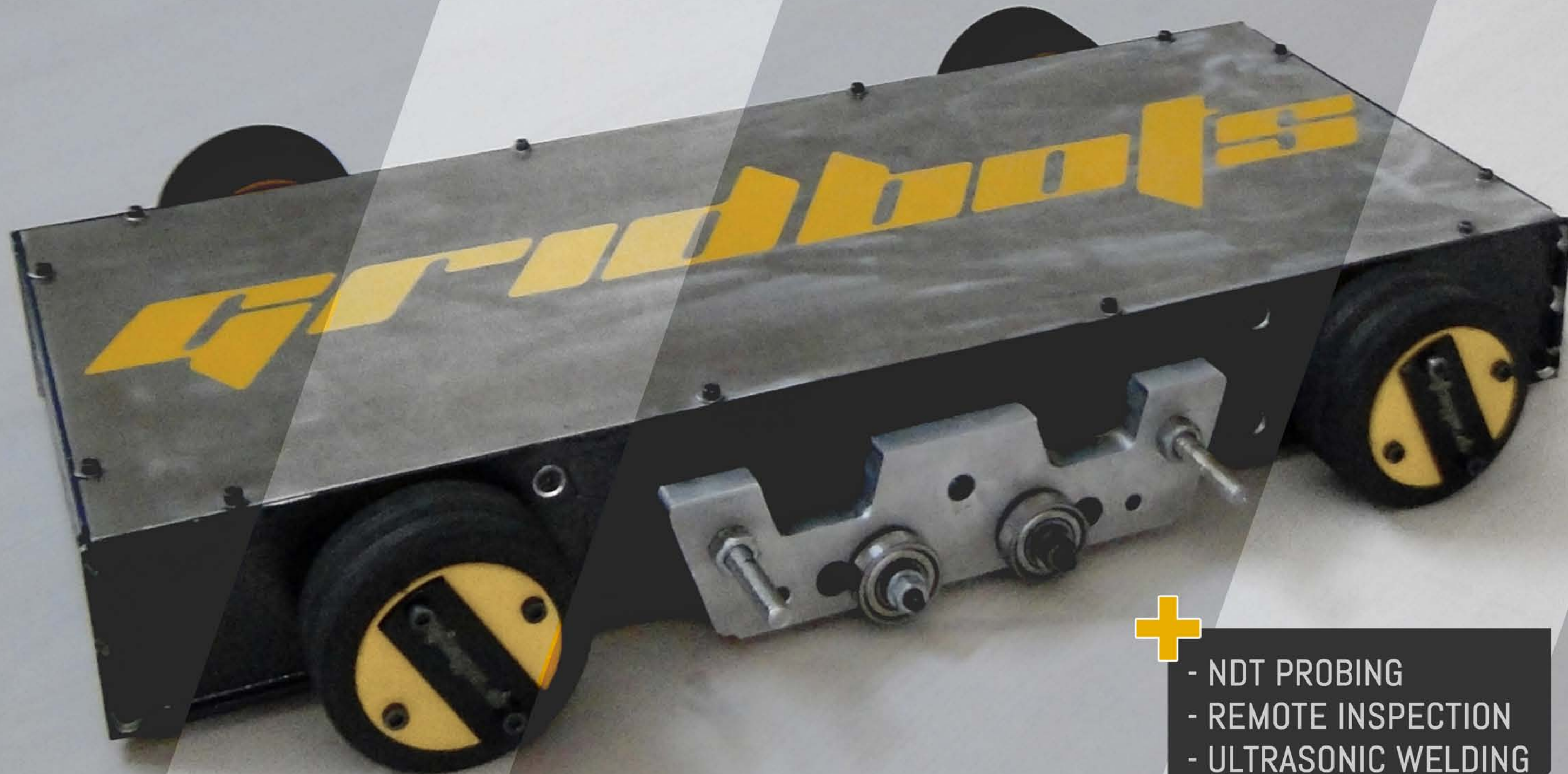


# MAGNETIC CRAWLER

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- NDT PROBING
- REMOTE INSPECTION
- ULTRASONIC WELDING

**gridbots**



# MAGNETIC CRAWLER



NDFeB MAGNETS	REMOTE INSPECTION	CAN CLIMB PLANAR SURFACES
SPEED 10 MM/SECOND	PULLING FORCE 10 KG	OMNI DIRECTIONAL MOTION USING REMOTE CONTROL
CAMERA	GRINDER	WELDING

This is a magnetic crawler which can climb vertical and inclined surface using strong magnets built inside the body of the robot.

This crawler is useful in inspection and operations relating to surface quality analysis, defect inspection or welding and grinding work on the ferromagnetic structures.

The robot is internally powered by four strong geared motors and pedometer sensor to track the motion increment

The robot is rugged in nature and can climb on uneven surfaces as well.

This robot is useful in the dirty and dangerous environments specially where manual inspection and operations are not possible.

## Features

- Wheel : Four Wheel Drive
- Motion : Omni directional
- Payload : Upto 10 Kg
- Magnets : NDFeB Magnets
- Speed : 10 mm/ Sec
- Motion Resolution : 10 mm
- Cable Length : 10 /20 /30 Meter
- Robot Weight : 6 Kg
- Attachments : Camera, Grinder, Welding,
- Remote Control : Cable / Wireless
- Material : Aluminum
- NDT/MDL/USonic Probes Ready







## Overview

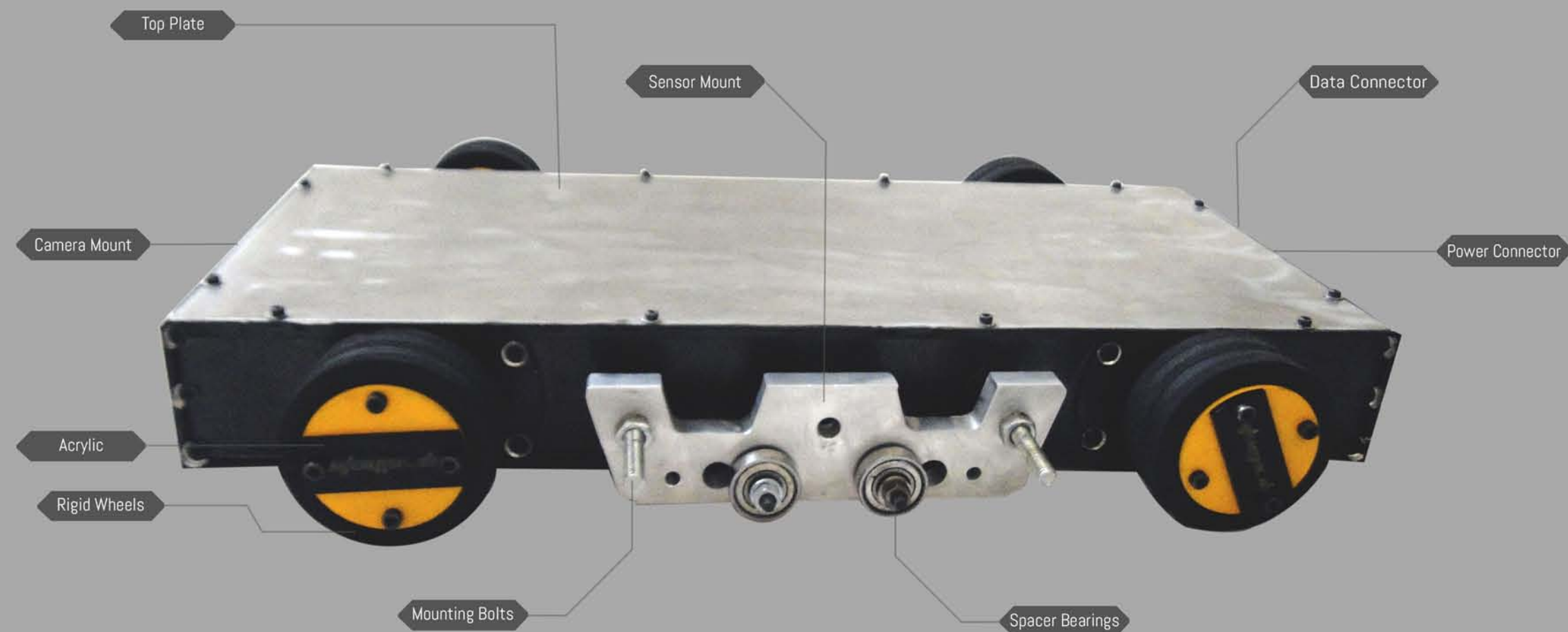
- High Efficiency system
- 50 Watts consumption only
- Camera and Tool Mount Ready
- Cleanroom Options Available
- Ultra Light [6 Kg] - Spacecraft Grade
- Aluminum Used in manufacturing
- Auto and Manual Mode
- Multiple Camera Option
- Electromagnetic Gripper/Jaws  
Gripper Supported

## Product Dimensions

- LxBxH [15x10x2 Inches]

## Included Accessories

- 1 Robot
- Digital Controller
- 2 Remote Control [ Wired ]
- 10" Screen
- Carrying Case
- 10 Meter Power Cable







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