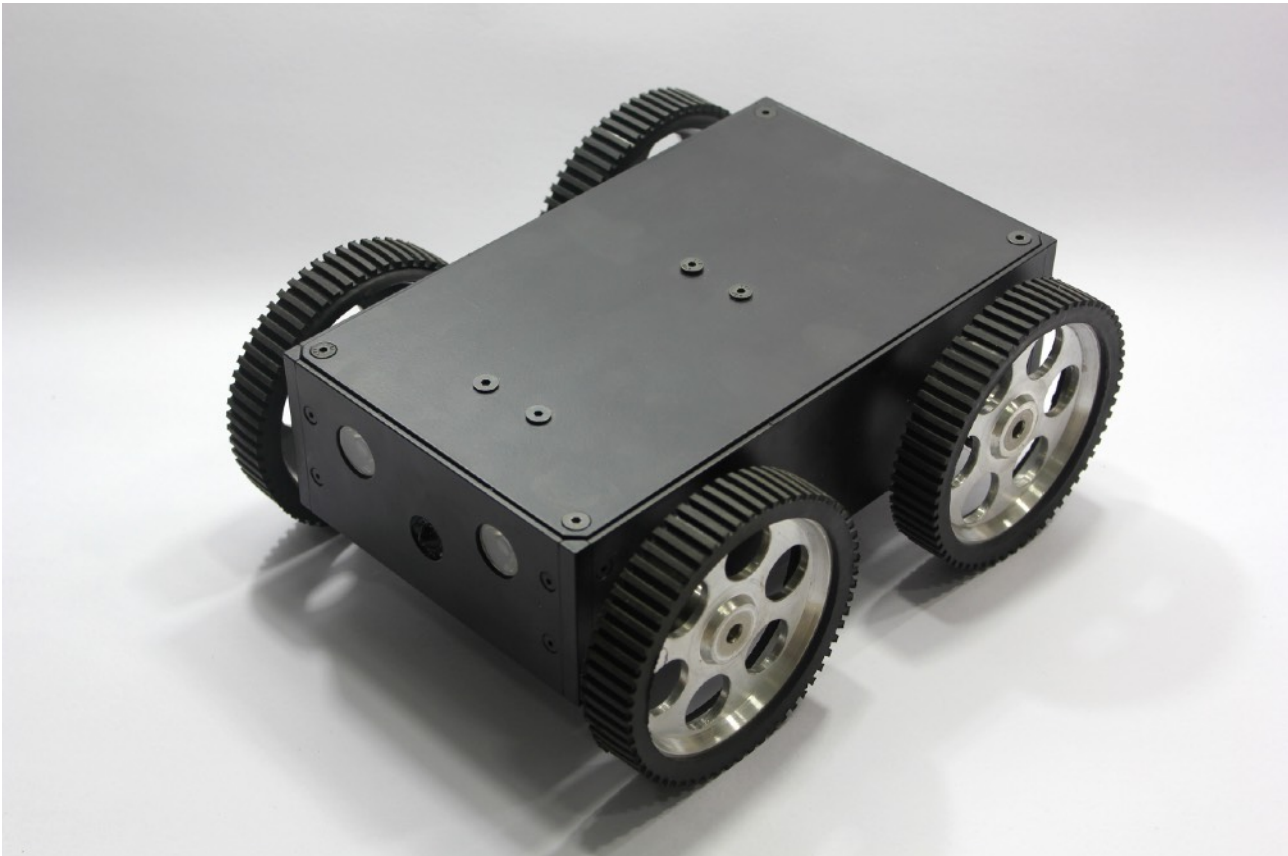


# Duct bot



The DuctBot goes inside centrally air conditioned ducts-inspects and cleans it off dust and other impurities. It sends back real time video while inside the duct. It has powerful LEDs mounted which illuminate the dark duct. It comes with a simple joystick and a hand held monitor with which the operator can track and control the motion of the robot inside the duct.

SOME OF OUR CLIENTS :

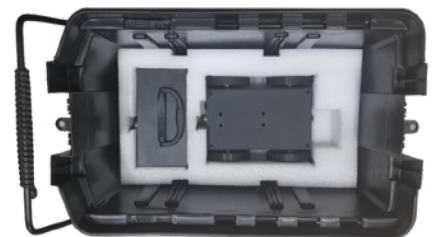
- BLUE STAR
- EPSCO
- CIPLA

Awarded Innovation of the year in 2011



# Innovators Under 35

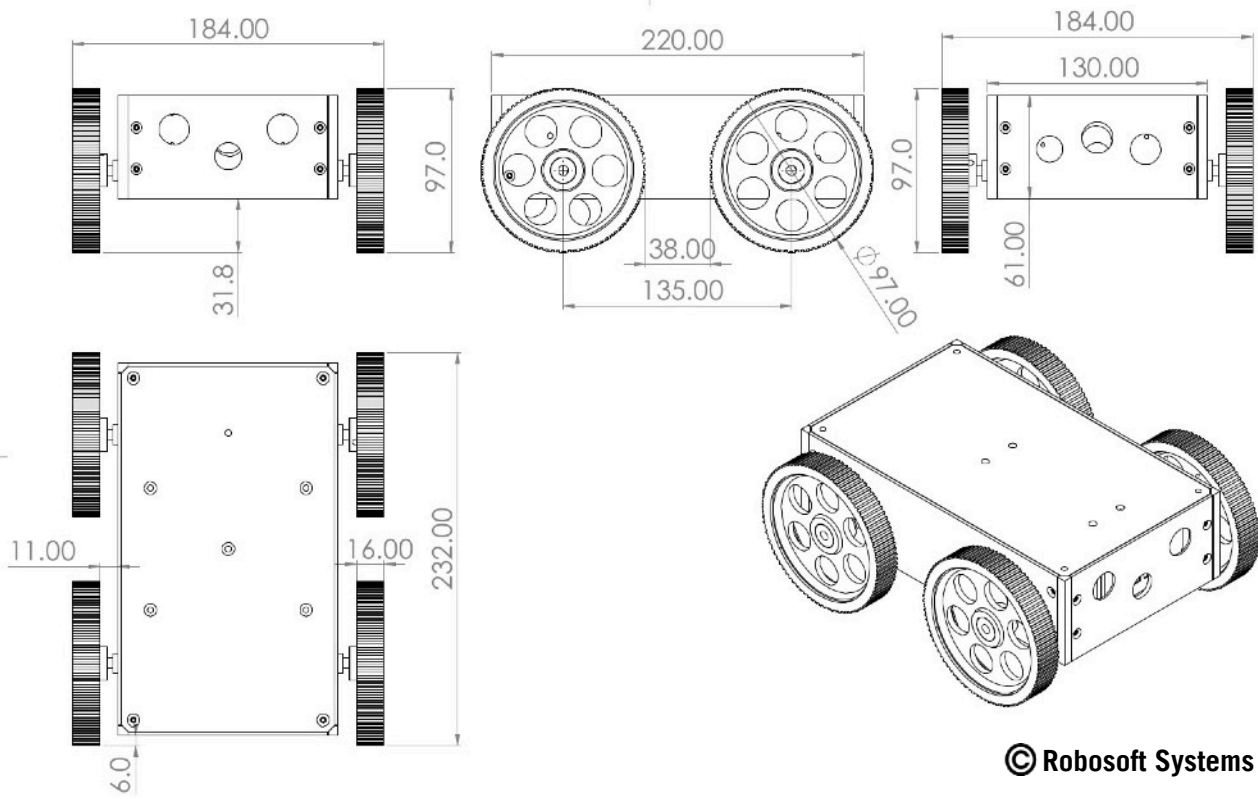
**Duct bot** is compact Robotic Inspection System for horizontal air ducts. It has integrated digital video recorder for live inspection of air ducts and is controlled by PS2 joystick making Duct Bot a powerful inspection and video documentation tool. This cost effective combination of features and flexibility offers an excellent opportunity for professional duct cleaners & HVAC contractors to generate bigger profits with rapid return on investment. Intensity of LED lights is adjustable by the PS2 remote also used to switch between front and rear cameras. The equipment comes in a light weight modular box for easy and safe transportation.



## Technical Specifications :

- Front & Rear 1000TVL 1/3 CCD Colour Camera
- Skid steer with 4x4 high torque DC motor drive system
- Control : Wired Joystick controls all the features of the Robot
- Lighting: 2 luminous variable control LEDs (3 watts each ) in the front & 1 luminous variable control LED (3 watt) at the back
- Video Recorder: 5 inch Portable Digital Video Recorder with 32GB SD card & live viewing capability
- Video Output : PAL
- Robot Size: 240 x 190 x 100 mm
- ABS/PP Carrying Case Size: 610 x 370 x 420 mm
- Total System Weight : 20 kgs
- Robot Weight: 3.2 kgs
- Operation Temperature : 10 degrees to 45 degrees centigrade
- AC input : 220V/50Hz. **(Customisable to 110V/60Hz VAC on request)**
- 30 meters cable

**Robot Dimensional Drawing :**



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All Dimensions are in mm



**Robosoft Systems**  
A-61, 1st floor, Raj Industrial Complex,  
Military Road, Marol, Andheri East,  
Mumbai 400059  
India



+91 9930776661 / +91 22 29207086  
Mon-Sat : 9:00 am - 5:00 pm



[sales@robosoftsystems.co.in](mailto:sales@robosoftsystems.co.in)



[www.robosoftsystems.co.in](http://www.robosoftsystems.co.in)