

Moonbuggy EOD

Remote operated EOD Robot



The Moonbuggy EOD unmanned ground vehicle (UGV) is designed for rapid deployment and use in dealing with EOD and IED situations. The Moonbuggy UGV can be used in any CBRN role where remote inspection and handling is required

Able to be transported using a standard off road trailer the Moonbuggy EOD robot can be deployed using a single operator. With a top speed of 12mph it can be quickly deployed to a work area.

The Moonbuggy UGV has a modular control system and easily serviced diesel engine which gives reliable field operation without the need for specialist support.

The arm is fitted with a forward facing forked bucket with optional gripping fingers.



Sensors

The moonbuggy UGV can carry a range of optional sensors including Radiation, gas and biological. Readings from the sensors are overlaid onto the video output display.

Control options

433MHz RF 1km+
50m cable Umbilical
1Km+ single use fiber optic cartridge

Video transmission options

1.3GHz 1Km near line of sight RF link
50m cable Umbilical
1Km+ single use fiber optic cartridge

Video system options

Thermal imager

Video system

4 camera system with on screen display of vehicle data. Wide angle navigation cameras front and rear, Pan-tilt zoom and arm camera. Each camera can be viewed individually full screen as part of a quad display.



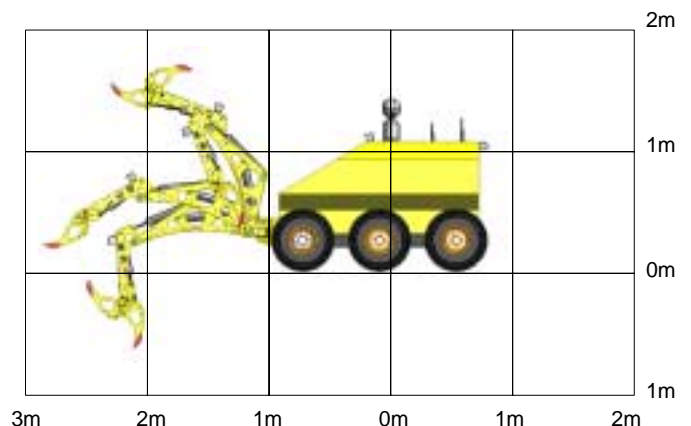
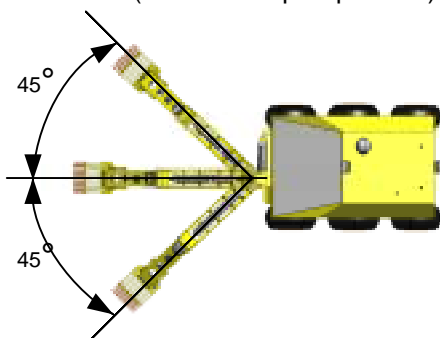
Back stabilizer/blade

Power

Engine:	33hp	Turning Circle:	Zero
Fuel:	Diesel	Speed:	12 Mph
Speed Control:	Full proportional	Steering:	Skid
Transmission:	Hydraulic	Weight:	900 Kg

Dimensions:

Length: 2.2 m (arm in transport position)
Width: 1.25 m
Height: 1.5 m (arm in transport position)



Details subject to change without notice.

Designed and Manufactured by: **Smith Engineering (GB) Ltd**
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