

MoonBuggy Petrol UGV

All Terrain Robotic Platform



MoonBuggy UGV is a versatile, compact, multi-purpose, remote-controlled vehicle with an effective range of up to one kilometre (longer ranges available). Applications include surveillance platform, remote incident evaluation and monitoring, casualty recovery, AP Mine clearance, UXO removal etc.

It carries a heavier and more varied payload than any other vehicle in its class. Six wheel drive allows wheel redundancy, an advantage over tracked machines when used in AP mine clearance.

All steel construction with a design life of ten years. Component reliability and minimum maintenance requirements are also key features.

POWERPLANT

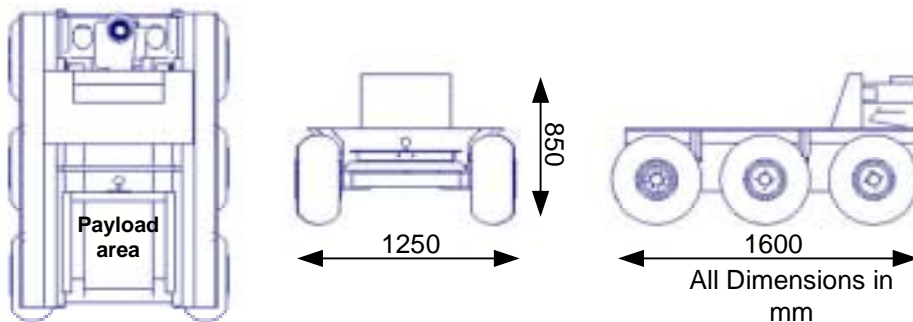
- Power Source: 12 HP Petrol Engine. Diesel and electric versions as options.
- Speed Control: Variable speed control.
- Transmission: Hydrostatic drive to six wheels.

PERFORMANCE

- Max Speed: 20 mph
- Steering: 6 wheel drive skid steer.
- Range: 2 hrs on standard tank, larger capacity tanks available.
- Turning circle: Zero (rotate on own axis).

ELECTRONICS

- Control: RF as standard (433 Mhz). Other frequencies are available. Umbilical optional. Range: 1Km as standard with hand control (longer range available as an optional)
- Vision System: camera system fitted and designed for specific applications. Multi-camera systems (night vision and thermal) with pan tilt as required.
- Compact hand control
- Full Engine control (Remote start, stop and throttle)



Weight: 300 kg (661 lb)
Payload: 250 kg (550 lb) plus

Details subject to change without notice.

Designed and Manufactured by:

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