



MW50

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INTRODUCTION

The MW50 is a remotely controlled platform which is designed for landmine, IED and route clearance in ultra-rugged, hard to access environments.

It is compact and easy to manoeuvre and it can be transported on a 4x4 pick-up for maximum mobility. Based on proven MineWolf technology with a selection of detachable tools, it is a robust and versatile tool for the most demanding conditions.

KEY FEATURES

- High endurance platform with a range of multi-purpose attachments
- Effective clearance of anti-personnel mines
- Effective removal of explosive ordnance and IEDs
- Camera system for safe and remote operations in high threat areas
- Capable of working in narrow areas and on steep slopes
- Continuous ground penetration to depth of 15cm with the tiller
- Rubber tracked for use on roads, paved areas or runways
- Easily transportable by 4x4 or helicopter

GROUND CONDITIONS



Sand, dust and heat



Hard Ground



Vegetation

SPECIFICATIONS

Machine Dimensions:

| | |
|---------------------------|-------------------------|
| Length without attachment | 2,300mm |
| Length with attachment | 3,058mm (tiller) |
| Width without attachment | 1,000mm |
| Width with attachment | 1,544mm (tiller) |
| Height | 1,393mm |
| Weight without attachment | 1,650kg |
| Weight of attachment | 490kg (tiller) |

Operational and Machine Data:

| | |
|---|--|
| Clearance width | 1,200mm |
| Clearance depth | 100, 130, 160mm |
| Clearance performance (max) | Up to 5,000m²/day |
| Clearance speed | 0.3-1.0 km/h |
| Vegetation cutting (max diameter) | 100mm |
| Engine type, power | Kubota Diesel 4 cylinder, 44kw /59hp |
| Engine fuel capacity, average consumption | 45 l /11 l/h |
| Maximum gradient for operations | 30 degrees |
| Load Carriage | Up to 400kg (loads put on top of the crawler) |
| Driving Speed | 0-6km/h |
| Lifting Capacity (with robotic arm) | Up to 400kg |
| Reach of robotic arm (w/o tool) | 3m or 3.7m when extended |
| Remote Control Operating Distance | Up to 1,000m (line of sight) |