PEARSON ENGINEERING

MW240

The MW240 is a purpose-built remotely controlled platform used for the safe and effective clearance of explosive devices including landmines, IEDs and cluster munitions.

COMBAT SYSTEMS

MW240

PEARSON ENGINEERING

INTRODUCTION

The MW240 is a purpose-built remotely controlled platform used for the safe and effective clearance of explosive devices including landmines, IEDs and cluster munitions.

Its light-weight construction and compact dimensions make this vehicle easily transportable to remote, high-threat areas. It is a robust and proven solution designed to operate in challenging environments. It offers multifunctional use and has the ability to be fitted with various tools.

KEY FEATURES

- Remote controlled with optional camera systems for high threat areas
- Range of interchangeable attachments for EOD and engineering tasks
- Effective clearance of AP and AT mines with tiller
- and flail
- Continuous ground penetration to depth of 250mm
- High quality components to withstand difficult
- climatic conditions
- Runway clearance tool for the safe and effective clearance of cluster munitions
- Robotic arm with tools for IED and UXO clearance
- The whole system fits into 20ft ISO container

GROUND CONDITIONS

Sand, dust and heat

Hard Ground

Vegetation

SPECIFICATIONS

Machine Dimensions:

Length without attachment	**4,200mm**
Length with attachment	**5,546mm (tiller)** **5,813mm (flail)**
Width without attachment	**1,634mm**
Width with attachment	**2,494 mm (tiller)** **2,538mm (flail)**
Height	**2,219mm**
Weight without attachment	**6,600kg**
Weight of attachment	**2,404kg (tiller)** **2,393kg (flail)**

Operational and Machine Data:

Clearance width	**2,000mm**
Clearance depth	**150, 200, 250mm**
Clearance performance (max)	**12,000m²/day**
Clearance speed	**0.8-2.4 km/h**
Vegetation cutting (max diameter)	**100mm**
Engine type, power	**Deutz Diesel 6 cylinder, 176kw (240hp)**
Engine fuel capacity, average consumption	**210 l, 19-25l/h**
Armour protection (Optional)	**4, 5, 8 mm Hardox Steel**
Remote Control Operating Distance	**Up to 1,000m (line of sight), extended range possible**