



MECHANICAL

Aardvark AMCS MK4H

Applications

Handheld
Hazard detonating

Types

Metal detectors (MD)

Last update

01/01/1970

General description

Aardvark's multi-role dedicated landmine clearance flail, the AMCS, effectively clears anti-tank and anti-personnel landmines, either by detonation or disruption and operates effectively in the majority of terrain and environmental conditions encountered in minefields throughout the world. Aardvark has been responsible for a range of highly successful mechanical minefield clearance machines. All Aardvark's systems are designed and built as dual-role Anti-Tank and Anti-Personnel landmine clearance vehicles.

Working characteristics

The Aardvark AMCS is effective in a variety of ground conditions, both flat and undulating, with gradients of up to 40°. It will clear dense surface scrub of 3m in height and trees with a trunk diameter of 15cm. It will also take out booby traps and trip wires. Trees and vegetation are reduced to mulch, leaving a level, clear area which can easily be checked by hand teams, if required. To ensure maximum percentage clearance, every piece of ground covered by an Aardvark machine is struck with sufficient force to disrupt/destroy and/or detonate surface and sub-surface mines in its path. An automatic contouring device ensures the flail is in contact with the ground at all times. Clearance depths of up to 500mm + are achievable.

Dimensional data

Overall length	5969.00 mm
Length with attachment	8769.00 mm
Overall Width	3632.00 mm
Overall Hight	2616.00 mm
Fits in container	1

Other

Other models	Aardvark JSFU MK3, MK4
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Operational data

Wheels	1
Tracks	1
Ground bearing pressure tracks	0.35kg/cm2
Hill climbing ability (max gradient degrees)	40.00 °
Rotation speed from	200.00 rpm
Rotation speed to	0.00 rpm
Clearance depth in varying terrain from	10.00 cm
Clearance depth in varying terrain to	0.00 cm
Working speed for light soil with medium vegetation	0.00 m2/h
Working speed for medium soil with medium vegetation	0.00 m2/h
Working speed for heavy soil with dense vegetation	0.00 m2/h
Control of clearance depth	Aardvark Automatic Multi Input Control System
Armor	10mm Armored Steel Transp
Greatest remote controlled distance	1000.00 m

Engine specifications

Engine type / description	Caterpillar 6 Cylinder Turbo Charged Diesel
Engine max power	350.00 hp
Fuel capacity	500.00 l
Fuel consumption	0.00 l/h
Cooling system	Pressurized Water Liquid
Oil capacity	0.00 l

Vehicle electrical system

Battery voltage	24.00 Volt
Battery capacity	210.00 Ah

Other information

Images



