



MECHANICAL

Armtrac 100-350 Mk2

Applications

Handheld
Hazard detonating

Types

Metal detectors (MD)

Last update

01/01/1970

General description

The Armtrac 100-350 Mk2 is a cost effective, heavily modified & armoured to STANAG 4569 Level 1, multi-purpose C-IED/demining machine & is built around the tried & tested JCB Fastrac 8000 tractor. As such, many of the components and spare parts are obtainable worldwide. It can operate as a Route Proving and Clearance vehicle and a Bomb Search & Detection vehicle.

Working characteristics

The Armtrac 100-350 Mk2 features a similar 3m Tiller and Flail Header as the Armtrac 400, driven from the PTO shaft at the rear of the tractor. All key components are armour protected & shielded and the tyres are foam filled. The Tiller and Flail is capable of cutting thick vegetation while simultaneously processing ground to a depth of 40cm. The Armtrac 100-350 Mk2 has an armoured cabin for direct control operations but it can also be remote controlled. The cabin is quiet, air-conditioned & features a fully adjustable air-sprung seat with a 4-point safety harness, adding to its comfort & safety. A special feature of this C-IED/demining machine is its ability to operate toolkits on the front and the rear; the operator's seat can swivel through 180 degrees so that the operator can always face the direction of travel using the respective toolkit on the front or rear of the machine. Route Proving and Clearance. There are many different demining, C-IED and engineering toolkits that can be employed with the Armtrac 100 – 350 Mk2 as well as tillers and flails. For route proving and clearance, the Armtrac C-IED Mine Roller System can be mounted on the front with either a tiller/flail on the rear in the event that the roller initiates a victim operated device.

Power supply data

Operating time	0.00 hours
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Dimensional data

Weight	0.00 kg
Overall length	5400 mm
Overall Width	2550 mm
Overall Hight	3000 mm
Fits in container	1

Factory support data

Factory support	Armtrac will 1. Provide training for operation and maintenance 2. Provide an engineer to maintain larger Armtrac fleets 3. Supply follow up spares quickly and efficiently.
Warranty	12 months standard

Price

Base price	0.00 €
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Other

Other models	A100-350 Mk1
Estimated quantity in use to date	20

Operational data

Wheels	1
Rotation speed from	350 rpm
Rotation speed to	400 rpm
Clearance depth in varying terrain from	20 cm
Clearance depth in varying terrain to	35 cm
Working speed for light soil with medium vegetation	2100 m ² /h
Working speed for medium soil with medium vegetation	1700 m ² /h
Working speed for heavy soil with dense vegetation	1200 m ² /h
Armor	Armox 500
Greatest remote controlled distance	400 m
Mechanical tools / attachments	Tiller Flail Rotary Mine Comb C-IED Mine Roller System Ground Probing Radar (GPR) Front Loading bucket Excavator Robotic Arm with Vegetation Cutter Robotic Arm with Detector (metal/GPR)

Engine specifications

Engine type / description	AGCO Power 84AWF
Engine max power	348 hp
Fuel capacity	600 l
Cooling system	Water Cooling
Oil capacity	150 l
Connectivity	Hydraulic

Vehicle electrical system

Battery voltage	12 Volt
Battery capacity	110 Ah

Other information

The Armtrac 100-350 can operate as:

1. Mechanical Demining Equipment
2. Route Proving and Clearance Vehicle
3. Bomb Search and Detection Vehicle

Images







