



MECHANICAL

Armtrac 400

Applications

Handheld

Hazard detonating Ground preparation Hazard detection

Types

Metal detectors (MD)

Last update

01/01/1970

General description

The Armtrac 400 is the largest and most powerful of the Armtrac range. With its hydraulically driven 3 meter Tiller rotor, it is capable of clearing 2,400 square meters per hour (depending on terrain & operator experience). With an effective tilling depth of 55cm the Armtrac 400 is designed to destroy & withstand 10kg Anti-Tank mines.

Working characteristics

The A400 is fully remote controlled up to 1000 meters allowing the Operator to remain at a safe distance while still maintaining 100% control of all the machine's functions, or alternatively with its fully armoured, sound proofed & air-conditioned cabin (which can withstand NATO Ball at point blank range), an Operator can maintain a detailed "bird's eye" view of demining operations in complete comfort & safety. As an optional extra, we can add a unique "scissor-lift" cab mounting so that shocks are absorbed & the ride height can be adjusted for the best possible view. The Armtrac 400 has a Telescopic Boom to which different demining toolkits can be attached. This boom can be extended to clear mines and UXO in difficult locations such as on river banks and on inclines, while remaining completely stationary. This is a unique feature to the Armtrac tracked machines. A variety of toolkits are available for demining and clearing UXO. As well as a tiller and flail, the Armtrac Mine Comb or screener/segregator can extract buried mines and UXO down to 50 cms. When the Armtrac Sifter is fitted to the rear of the machine, this extracts items & potentially missed ordnance down to 50 cms which provides a comprehensive quality assurance tool when fitted together with a front mounted tiller or flail.

Dimensional data

Overall length	5550 mm
Length with attachment	8037 mm
Overall Width	2795 mm
Overall Hight	3395 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. Provide an operator/service engineer for rental machines 4. Supply follow up spares quickly and efficiently.

Price

Base price	000 €
Reduction for higher quantity	
Possible to rent	1

Other

Estimated quantity in use to date	15
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Operational data

Tracks	1
Ground bearing pressure tracks	0.46 Kg/cm2
Hill climbing ability (max gradient degrees)	25 °
Rotation speed from	350 rpm
Rotation speed to	350 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 m2/h
Working speed for medium soil with medium vegetation	1700 m2/h
Working speed for heavy soil with dense vegetation	1200 m2/h
Control of clearance depth	Depth Control
Armor	Armox 440
Greatest remote controlled distance	1000 m
Mechanical tools / attachments	Tiller Flail Rotary Mine Comb Backhoe/Excavator Mine Plough Sifter Front Loading Bucket Fork Lift Tines Dozer Blade

Engine specifications

Engine type / description	Duetz BF6M
Engine max power	425 hp
Fuel capacity	470 l
Fuel consumption	40 l/h
Cooling system	Water
Oil capacity	800 l
Connectivity	Hydraulic

Vehicle electrical system

Battery voltage	24 Volt
Battery capacity	145 Ah

Other information

Armtrac will rent A400s

Images