



MECHANICAL

FAE PT-300 D:Mine

Applications

Handheld
Ground preparation Hazard detonating

Types

Metal detectors (MD)

Last update

01/01/1970

General description

The FAE PT-300 D:Mine is a medium class demining machine certified for AP (Anti-personnel) and AT (Anti-tank) landmines and is operated with a remote control to guarantee the operator safety. It is a heavy duty machine with a weight of 14,5 ton including the tiller that is also a heavy duty and its weight is 4 tons. The machine is in operation by major NGOs like MAG International and The Halo Trust. It is also operated by demining contractors and armies.

Working characteristics

The FAE PT-300 D:Mine is equipped with a CAT engine with 275 HP in the Tier3A/STAGE 3 and a version and with 302 HP in the tier 4F/STAGE 5. The machine can work at 45° front slope and 25° side slope and can work in extremely cold and hot weather. Wet land is not an obstacle due to the low ground pressure provided by the 660 mm wide track pads. The PT-300 D:Mine machine can be used for ground preparations for demining operations with a tiller or flail attachment and can be highly productive with a mulching attachment for cutting vegetation on the BAC (Battle area clearance operations) in which the tool is required to work at the surface level but not below it.

Dimensional data

Overall length	4950 mm
Length with attachment	6500 mm
Overall Width	2360 mm
Overall Height	2700 mm
Fits in container	3

Factory support data

Factory support	Training Shipping of spare parts daily FAE Mechanics available
Humidity (limitations)	no limitations on humidity
Water resistant	1
Best use in	up to 50 cm of water level
Temperature limitations	-25°C to + 49°C

Other

Additional equipment	Operator Cab for non demining operations
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Operational data

Tracks	1
Ground bearing pressure tracks	0.33 Kg/cm ²
Hill climbing ability (max gradient degrees)	45 °
Clearance depth in varying terrain from	20 cm
Clearance depth in varying terrain to	25 cm
Working speed for light soil with medium vegetation	2000 m ² /h
Working speed for medium soil with medium vegetation	1500 m ² /h
Working speed for heavy soil with dense vegetation	1000 m ² /h
Control of clearance depth	Automatic
Armor	Hardox & Weldox
Greatest remote controlled distance	100 m
Mechanical tools / attachments	Demining Tiller 300/TD-250 Demining Flail 300/FD-250 Mulcher for vegetation clearance on Battle Area Clearance operations (BAC) 200/U-225 Dozer Blade 2400 Subsoiler forestry tiller 200/S-200

Engine specifications

Engine type / description	CAT 7
Engine max power	275 hp
Fuel capacity	380 l
Fuel consumption	35 l/h
Cooling system	Radiator with reversible air flow
Oil capacity	320 l
Connectivity	Radio wave remote control

Vehicle electrical system

Battery voltage	24 Volt
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Other information

Images

