



REMOTE CONTROLLED TRACKED CARRIERS

ATTACHMENT

MODEL	300/TD - 250	300/FD - 250
Head type	Demining Tiller	Demining Flail
Working width (mm)	2500	2500
Total width (mm)	3125	3198
Weight (Kg)	3580 (Rotor R) - 3800 (Rotor C/3)	3150
Rotor diameter (mm)	860 (Rotor R) - 885 (Rotor C/3)	960
No. teeth type	R/65+R/HD/65+BAZ	-
	G/3+STC/3/FP+BAZ	-
No. flails	-	36

MODEL	200/U/SONIC - 200	200/U/SONIC - 210	200/U/SONIC - 225
Head type	Forestry Mulcher	Forestry Mulcher	Forestry Mulcher
Working width (mm)	2064	2150	2304
Total width (mm)	2464	2560	2704
Weight (Kg)	2450	2550	2650
Rotor diameter (mm)	500	500	500
Max shredding diameter (mm)	350	350	350
No. teeth type	C/3+C/3/SS	44+2	46+2

MODEL	200/S - 200	200/S - 225	300/SC
Head type	Forestry Tiller	Forestry Tiller	Stump Cutter
Working width (mm)	2080	2320	1450
Total width (mm)	2420	2662	1050
Weight (Kg)	2950	3162	2100
Rotor diameter (mm)	590	590	1020
Max working depth (mm)	300	300	1000
Max shredding diameter (mm)	300	300	500
No. teeth type	B/3+C/3/SS	82+4	-
	M1+M2+M3+M4	-	24+4+24+4

MODEL	DOZER BLADE
Blade width (mm)	2400
Moldboard height (mm)	970
Blade angle	± 15°
Blade tilt	± 10°
Weight (Kg)	1400

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DEMINEING
Remote controlled
tracked carriers



DEMINEING VEHICLE

Roads, paths, agricultural and forest areas with the presence of mines: the FAE Demining line is aimed at organizations and institutions that work to reclaim and restore otherwise dangerous and unusable land to civil use.

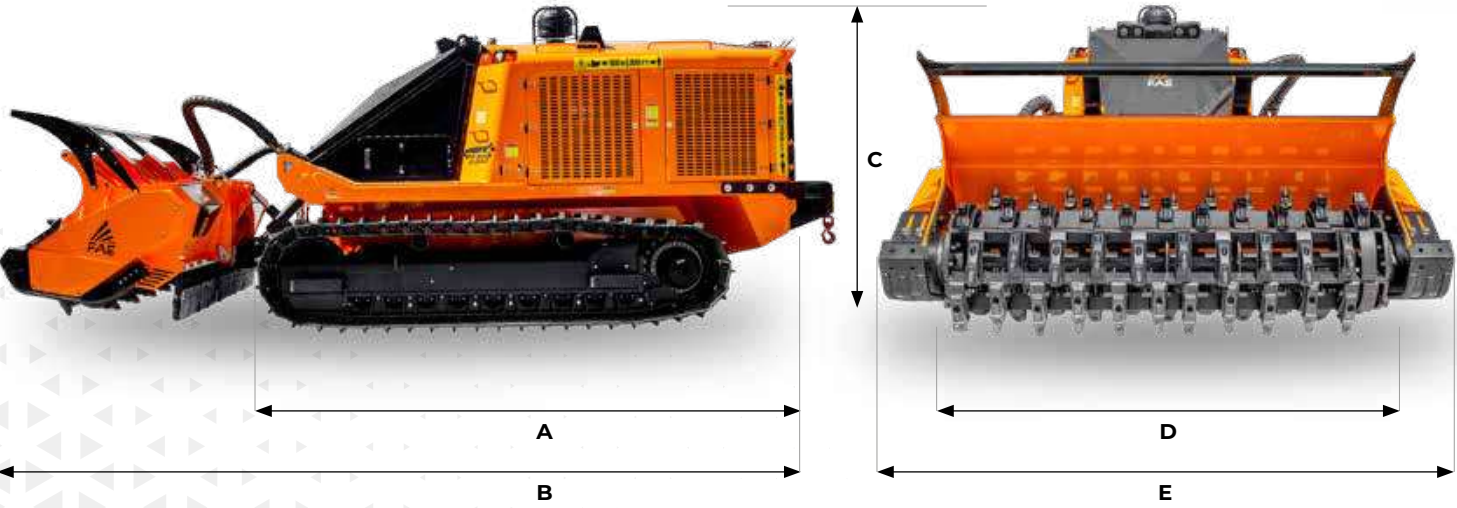
The PT-300 D:Mine remote controlled tracked carrier is designed to clear the ground of deep explosive ordinance. It's built to withstand extreme stress and to be maneuvered at a substantial distance for the safety of the operator.



APPLICATIONS:

- Clearing land of anti-personnel mines
- Clearing land of anti-tank mines
- Battle area clearance operations (BAC) to eradicate unexploded ordnances (UXO)

DIMENSION



A Overall length without demining head 4950 mm
B Transport lenght with 300/TD attachment on groundand winch 6500 mm

C Max height 2700 mm
D Overall tracks width 2360 mm (660 pads)
E See attachements table

NEW REMOTE CONTROLLED TRACKED CARRIERS

PT-300 D:MINE

Demining vehicle.

The PT-300 D:Mine is a remote controlled tracked carrier for clearing mine fields that is effective against anti-personnel and anti-tank mines. This vehicle works in the toughest conditions, including rough terrain, steep slopes up to 45°, swampy land, and in areas with dense vegetation. Some of its main technical features include a super sturdy structure with an oscillating undercarriage, the high-performing

CAT C7.1 Acert engine, and a lower operating weight. The ergonomic remote control makes it possible to safely perform all functions. The carrier can be equipped with a demining head or another type of FAE attachment, like a forestry mulcher, tiller, stump cutter or dozer blade.

MULTI-TASKING

The construction features of the FAE PT-300 D:Mine enable it to accommodate a demining tiller with fixed-tooth or a demining flail heads, forestry mulchers (also with the exclusive Sonic technology), forestry tillers, stump cutters, or dozer blades.



SAFE

The ergonomic remote control with a large 3.5" display makes it possible to safely manage all vehicle and head functions. The transmission frequency at 2.4 GHz ensures optimal connection at a safe distance.

TECHNOLOGICAL

The PT-300 D:Mine's electronically managed hydrostatic transmission is the perfect solution for optimal power transmission and long-term reliability. Innovative functions like Load Control and Floating ensure high efficiency in any condition.

POWERFUL

It has the flexibility and reliability of one of the world's most widely used six-cylinder engines. The Caterpillar C7.1 Tier 4 Final/Stage V engine delivers 302 hp, and 275 hp with the Tier 3/Stage III version. It offers superior performance and a global support network.

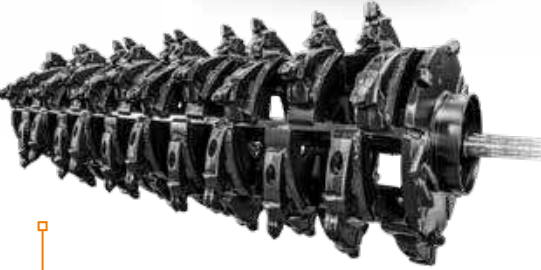
SOLID

The frame was built to withstand extreme stress. The undercarriage was designed for maximum performance. The technology of the oscillating undercarriage provides better impact absorption.

D:Mine Rotor with flails (Optional)



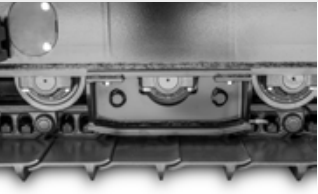
D:Mine Rotor with G/3 teeth



MAIN OPTIONS



Rear winch with 6 t pulling power



Chain Guides



Rock guards



Proportional and reversible radiator fan



275 hp
CAT ENGINE
TIER 3 / STAGE III A

302 hp
CAT ENGINE
TIER 4 FINAL / STAGE V



OPTIONS

Rear winch - rated towing capacity: 6t	Service light (service package)
Chain guides	Oil top-off pump (service package)
Rock guards	Cab (full optional)
Proportional and reversible radiator fan	Custom color
Pre-heating system for engine and hydraulic oil	

TECHNICAL DATA	PT-300 D:MINE TIER 3 / STAGE III A	PT-300 D:MINE TIER 4F / STAGE V
Engine Gross Power	275 hp	302 hp
Engine Emission	U.S. EPA Tier 3 / EU Stage III A	U.S. EPA Tier 4 Final / EU Stage V
Travel Pumps	2 - EP control – 78 cc - Danfoss	2 - EP control – 78 cc - Danfoss
Travel Motors	2 - HY control – 80 cc - Danfoss	2 - HY control – 80 cc - Danfoss
Max Travel Pressure	420 Bar	420 Bar
Attachment Pump	1 - EP control – 130 cc - Danfoss	1 - EP control – 147 cc - Danfoss
Max Mulcher Pressure	350 Bar	350 Bar
Hydraulic Oil Tank Capacity	320 L	320 L
Fuel Tank Capacity	380 L	380 L
DEF AdBlue® Tank	-	16 L
Track Chain	171 Pitch - Lubricated - Berco	171 Pitch - Lubricated - Berco
Lower Rollers	6 + 6 Single Flange + 3 + 3 Double Flange	6 + 6 Single Flange + 3 + 3 Double Flange
Carrier Rollers	2 + 2	2 + 2
Voltage	24 volt	24 volt
Max forward speed	6,5 Km/h	6,5 Km/h
Max reverse speed	6,5 Km/h	6,5 Km/h
Gradeability	45° vertical, 35° lateral	45° vertical, 35° lateral
Operating weight	10830 Kg (std equipment, 660 mm pads SG)	11080 Kg (std equipment, 660 mm pads SG)
Ground Pressure	0,34 Kg/cm2 (std equipment / 660 mm pads SG / 300/TD-250 Rotor G/3)	0,35 Kg/cm2 (std equipment / 660 mm pads SG / 300/TD-250 Rotor G/3)

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