

# ATTACHMENTS



| MODEL                       | 300/TD/PT300-250 | 300/FD/PT300 DM-250 |
|-----------------------------|------------------|---------------------|
| <b>Head type</b>            | Demining Tiller  | Demining Flail      |
| <b>Working width (mm)</b>   | 2500             | 2500                |
| <b>Total width (mm)</b>     | 3125             | 3198                |
| <b>Weight (Kg)</b>          | 3800             | 3150                |
| <b>Rotor diameter (mm)</b>  | 885              | 960                 |
| <b>No. picks/teeth type</b> | G/3+STC/3/FP+BAZ | -                   |
| <b>No. flails</b>           | -                | 36                  |

| MODEL                              | 200/U/SONIC/PT300-200 | 200/U/SONIC/PT300-210 | 200/U/SONIC/PT300-225 |
|------------------------------------|-----------------------|-----------------------|-----------------------|
| <b>Head type</b>                   | Forestry Mulcher      | Forestry Mulcher      | Forestry Mulcher      |
| <b>Working width (mm)</b>          | 2064                  | 2150                  | 2304                  |
| <b>Total width (mm)</b>            | 2464                  | 2560                  | 2704                  |
| <b>Weight (Kg)</b>                 | 2450                  | 2550                  | 2650                  |
| <b>Rotor diameter (mm)</b>         | 500                   | 500                   | 500                   |
| <b>Max shredding diameter (mm)</b> | 350                   | 350                   | 350                   |
| <b>No. teeth type</b>              | C/3+C/3/SS            | 44+2                  | 46+2                  |

| MODEL                              | 200/S/PT300-200 | 200/S/PT300-225 | 300/SC/PT300 |
|------------------------------------|-----------------|-----------------|--------------|
| <b>Head type</b>                   | Forestry Tiller | Forestry Tiller | Stump Cutter |
| <b>Working width (mm)</b>          | 2080            | 2320            | 1450         |
| <b>Total width (mm)</b>            | 2420            | 2662            | 1050         |
| <b>Weight (Kg)</b>                 | 2950            | 3162            | 2100         |
| <b>Rotor diameter (mm)</b>         | 590             | 590             | 1020         |
| <b>Max working depth (mm)</b>      | 300             | 300             | 1000         |
| <b>Max shredding diameter (mm)</b> | 300             | 300             | 500          |
| <b>No. teeth type</b>              | B/3+C/3/SS      | 82+4            | -            |
|                                    | M/1+M/2+M/3+M/4 | -               | 24+4+24+4    |

| MODEL                        | DOZER BLADE PT300-240 |
|------------------------------|-----------------------|
| <b>Blade width (mm)</b>      | 2400                  |
| <b>Moldboard height (mm)</b> | 970                   |
| <b>Blade angle</b>           | ± 15°                 |
| <b>Blade tilt</b>            | ± 10°                 |
| <b>Weight (Kg)</b>           | 1400                  |

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## DEMINING Remote Controlled Demining Machine

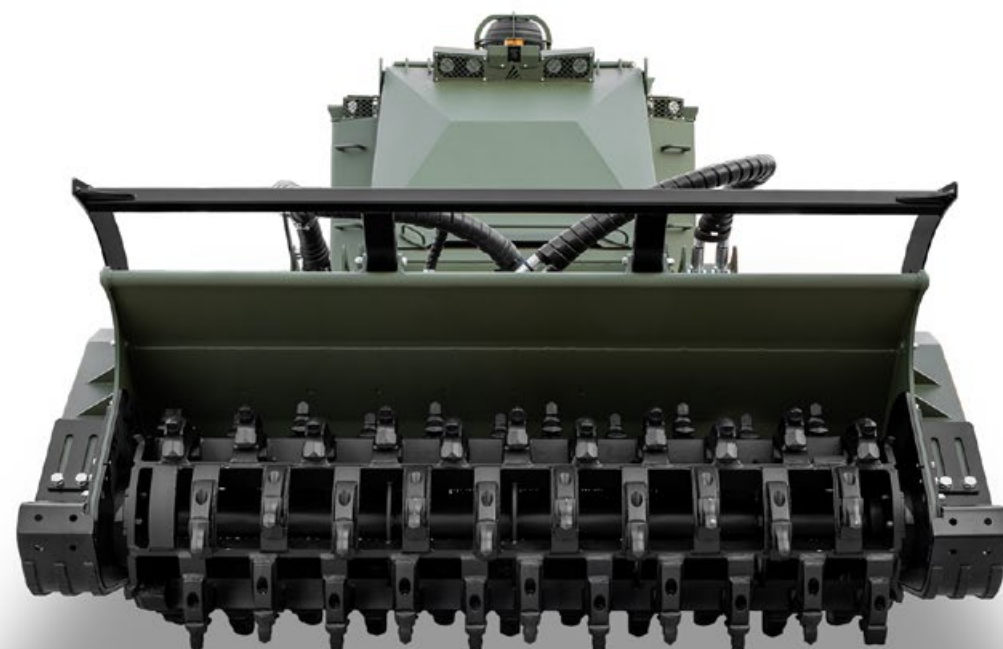




# DEMINEING VEHICLE

Roads, paths, agricultural areas, and forested areas that have been planted with land mines: the FAE Demining line is aimed at NGOs, armed forces and other demining operators that work to reclaim dangerous areas for civil use.

The PT300 D:MINE is a middle class demining machine certified with the demining tiller 300/TD/PT300 and with a demining flail 300/FD/PT300 DM according to the T&E Protocol Machines (30/06/2009), CWA/15044:2009 and HRN 1142:2009 to clear anti-personnel-mines (AP) and antitank-mines (AT).



## APPLICATIONS:

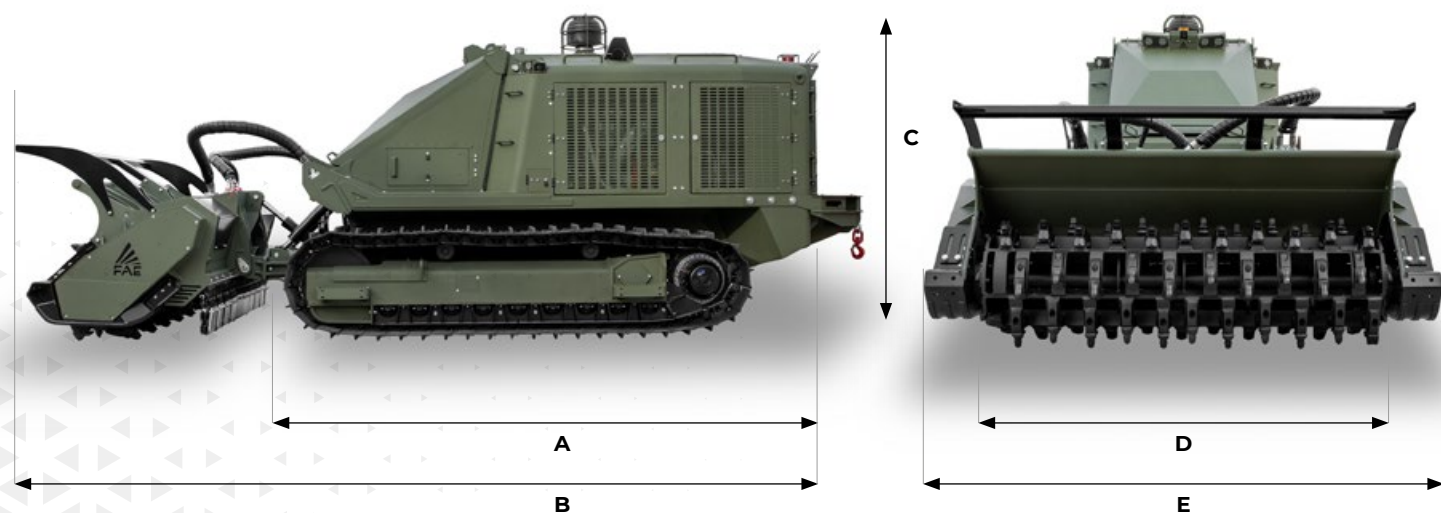
Mechanical clearance tasks with hazardous areas containing anti-personnel and anti-tank mines.

Ground preparation for manual demining.

Technical survey tasks.

Vegetation clearance for BAC (Battle area clearance operations) to allow the detection and disposal of unexploded ordnances (UXO)

## DIMENSION



**A** Overall length without demining head 4950 mm  
**B** Transport length with 300/TD/PT300 attachment on ground and winch 6500 mm

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

## REMOTE CONTROLLED TRACKED CARRIERS

# PT300 D:MINE

## Demining vehicle.

The PT300 D:MINE mechanical demining asset is operated via remote control from a significant distance for the safety of the operator. It works in the toughest conditions, including rough terrain, steep slopes up to 45°, swampy land, and areas with dense vegetation. Some of its main technical features include a super sturdy structure with an oscillating undercarriage, large track pads for optimum

mobility, 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 also be equipped with other types of FAE attachments like forestry mulchers, tillers, stump cutters, or dozer blades.

### MULTI-TASKING

There are several attachments available including the fixed-tooth demining tiller, the demining flail head with chains and hammers, the vegetation cutter (mulchers with the exclusive Sonic technology) and the dozer blade.



### 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 and manoeuvrability.

### Remote Controller

up to 1000 m in open field



### 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 PT300 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. The I/R day and night vision system allows to operate it at a safety distance with the assistance of 360° video images with cameras in the front, rear, left and right sides.

## MAIN OPTIONS



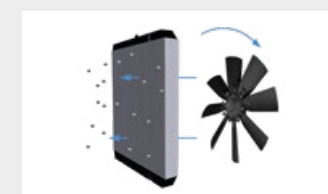
Rear winch with 6 t pulling power



360° I/R view cameras system



Operator cabin for non demining operations



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 | Additional rubber pads             |
| View cameras system                             |                                    |

| TECHNICAL DATA                     | PT300 D:MINE TIER 3 / STAGE III A   | PT300 D:MINE TIER 4F / STAGE V  |
|------------------------------------|---|---|
| <b>Engine Gross Power</b>          | 275 hp  | 302hp   |
| <b>Engine Emission</b>             | U.S. EPA Tier 3 / EU Stage III A  | U.S. EPA Tier 4 Final / EU Stage V  |
| <b>Fuel Consumption</b>            | 29 to 39 L/h (11,7 to 8,7 working hours)                                  | 31 to 42 L/h (11 to 8,1 working hours)                                    |
| <b>Travel Pumps</b>                | 2 - EP control - 78 cc - Danfoss  | 2 - EP control - 78 cc - Danfoss  |
| <b>Travel Motors</b>               | 2 - HY control - 80 cc - Danfoss  | 2 - HY control - 80 cc - Danfoss  |
| <b>Max Travel Pressure</b>         | 420 Bar   | 420 Bar   |
| <b>Attachment Pump</b>             | 1 - EP control - 130 cc - Danfoss   | 1 - EP control - 147 cc - Danfoss   |
| <b>Max Mulcher Pressure</b>        | 350 Bar   | 350 Bar   |
| <b>Hydraulic Oil Tank Capacity</b> | 320 L   | 320 L   |
| <b>Fuel Tank Capacity</b>          | 340 L   | 340 L   |
| <b>DEF AdBlue® Tank</b>            | -   | 16 L  |
| <b>Track Chain</b>                 | 171 Pitch - Lubricated - Berco  | 171 Pitch - Lubricated - Berco  |
| <b>Lower Rollers</b>               | 6 + 6 Single Flange + 3 + 3 Double Flange                                 | 6 + 6 Single Flange + 3 + 3 Double Flange                                 |
| <b>Carrier Rollers</b>             | 2 + 2   | 2 + 2   |
| <b>Voltage</b>                     | 24 volt   | 24 volt   |
| <b>Max forward speed</b>           | 6,5 Km/h  | 6,5 Km/h  |
| <b>Max reverse speed</b>           | 6,5 Km/h  | 6,5 Km/h  |
| <b>Gradeability</b>                | 45° vertical, 35° lateral   | 45° vertical, 35° lateral   |
| <b>Operating weight</b>            | 10830 Kg (std equipment, 660 mm pads SG)                                  | 11080 Kg (std equipment, 660 mm pads SG)                                  |
| <b>Ground Pressure</b>             | 0,34 Kg/cm2 (std equipment / 660 mm pads SG / 300/TD/PT300-250 Rotor G/3) | 0,35 Kg/cm2 (std equipment / 660 mm pads SG / 300/TD/PT300-250 Rotor G/3) |

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