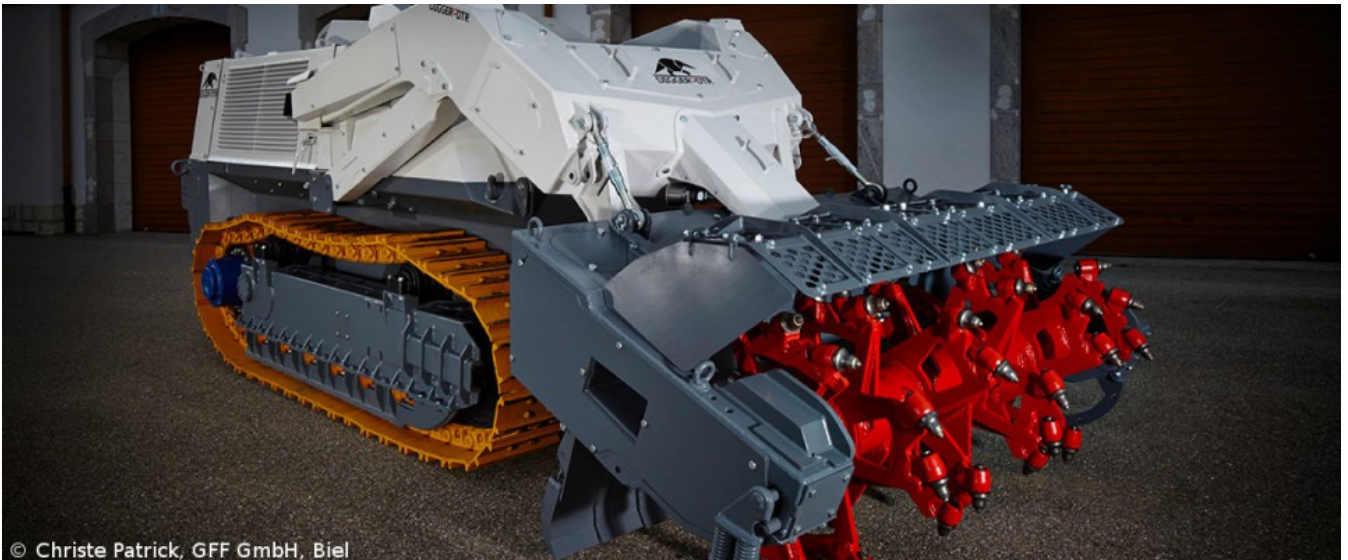


VEHICLE FOR MECHANICAL MINE CLEARANCE DIGGER D-250



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More powerful, with more performing tracks, the DIGGER D-250 is based on the experience gained over three generations of previous machines. It is the result of ten years of field feedbacks integration giving high efficiency even under extreme environmental conditions.

Equipped with a 250 hp engine, weighting less than 12 tonnes, it can be transported by 6x6 truck (without trailer). Relatively small in size in regards of its high power, it fits in a 20 feet ISO shipping container, without disassembling tools.

The DIGGER D-250 is first of all a multi-purpose machine designed to respond to deminers' needs. Equipped with quick front and rear couplers, it is compatible with various specific tools (flail and tiller) or Caterpillar® standards (bucket, fork, ...) easily interchangeable. Like so, it can be used in different types of operations such as ground preparation, vegetation clearance, reduced land and demining itself, storage or disposal of dangerous items, etc.

360° armoured, easy to maintain, it is equipped with over-dimensioned hydraulic and cooling systems to withstand the harshest operational conditions. The DIGGER D-250 is designed for a fast handling, even by an inexperienced pilot, in order to ensure an immediate engagement on the ground.

Several equipments are offered in option, such as ultra-high precision GPS (<2cm) with interface designed for humanitarian demining and IMSMA compatible, camera, digging depth control sensors, flow reversal cooling system for self-cleaning of air intake grids ,diesel engine EURO-2 or EURO -3b compatible.



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John Deere Engine

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Anti-Tank mine 8 kg TNT

TECHNICAL DATA

Dimensional Data

Overall length, with tool : 5755 mm
 Overall width, vehicle : 1690 mm
 Overall width, tool : 2320 mm
 Working width : 1895 mm
 Height : 2041 mm
 Mass, total (with Tiller, fuel & lubricant) : 11910 kg

Driving Specification

Ground pressure : 0.43 kg/cm²
 Ground clearance (base to body) : 0.3 m
 Max. climbing ability : 35°
 Max. slide slope : 30°
 Max. forward & backward speed : 6 km/h

Remote Control

Max. operating distance : 500 m
 Transmitter battery autonomy : > 20 h

Engine Specifications

Engine type : John Deere, 6 cylinder
 Displacement : 6800 cm³
 Engine max. power : 250 hp @ 2200 RPM
 Fuel consumption (average in works) : 30 - 35 L/h
 Fuel capacity : 285 L
 Emission : Euromot 3 Stage II or Euromot 3 Stage IIIb
 Max. ambient temp. @ full power without derating : 50°C

Armouring

Hull & undercarriage frame : 10 mm Hardox™ 450
 Tool frame : 8 & 10 mm Hardox™ 450
 Roof & arms : 4, 8 & 10 mm Hardox™ 450

Front Tools

Quick coupler type : Caterpillar™