



MECHANICAL

GERMINA URCM 3000

Applications

Handheld
Ground preparation

Types

Metal detectors (MD)

Last update

19/08/0770

General description

GERMINA URCM 3000 was developed based on the hands-on experience of leading Ukrainian humanitarian demining operators actively working in frontline and high-risk areas. The machine demonstrates high productivity in the most common types of terrain in Ukraine: ■ Agricultural land ■ Forest belts and protected natural zones ■ Mineralized firebreaks in forested areas ■ Riverbanks and water edge zones. Its construction is adapted to various soil types, uneven topography, climate variability, and the specific nature of mine threats in the region. GERMINA is an engineering solution combining tactical efficiency, operational versatility, and readiness for real-world daily challenges.

Working characteristics

Dimensional data

Overall length	5405 mm
Length with attachment	7786 mm
Overall Width	3412 mm
Overall Hight	2427 mm
Fits in container	3

Factory support data

Factory support	Yes
Warranty	12 month quarantee
Temperature limitations	Could be operated year around

Price

Base price	588000 €
Reduction for higher quantity	Possible depending on quantity
Possible to rent	1
Price for training	12 000 USD for a team of 5 people for 2 weeks

Other

Estimated quantity in use to date	1
-----------------------------------	---

Operational data

Tracks	1
Ground bearing pressure tracks	0.50 kg/cm ²
Hill climbing ability (max gradient degrees)	30 °
Rotation speed from	500 rpm
Rotation speed to	550 rpm
Clearance depth in varying terrain from	5 cm
Clearance depth in varying terrain to	32 cm
Working speed for light soil with medium vegetation	5000 m ² /h
Working speed for medium soil with medium vegetation	4800 m ² /h
Working speed for heavy soil with dense vegetation	4600 m ² /h
Control of clearance depth	Yes
Armor	NA
Greatest remote controlled distance	1200 m
Mechanical tools / attachments	Included in base package: Flail tool Universal bucket Spare parts kit (ZIP) Operational and maintenance documentation 1 year warranty Optional extras: Milling cutter Manipulator arm Bulldozer blade Transport trailer Mobile workshop 2 years

Engine specifications

Engine type / description	In-Line 6, Type 4-stroke diesel engine with direct fuel injection, turbocharged, liquid-cooled. Model - C9.3B (Caterpillar)
Engine max power	380 hp
Fuel capacity	450 l
Fuel consumption	25 l/h
Cooling system	Liquid-cooled
Oil capacity	30 l

Vehicle electrical system

Battery voltage	24 Volt
Battery capacity	50 Ah
Safety information	Provided

Other information

Images







