

# GCS-200

**A multi-purpose, unmanned EOD platform for heavy-duty clearance tasks with maximum survivability in high-threat environments.**



The GCS-200 is the big-sized version of two platforms. The multi-purpose solution performs with a wide scope of applications in scenarios involving the clearance of explosive threats. Its capabilities include:

- Manipulator arm, dozer blade and forklift for IED and UXO clearance
- Effective clearance of AP and AT mines with tiller and flail
- Maximum mine clearance productivity of up to 12,000 m<sup>2</sup> per day with a continuous ground penetration down to 25 cm depth
- Various attachments for the clearance of runways and hard surfaces
- Standard three-point hitch with a range of interchangeable custom-made or commercial off-the-shelf (COTS) attachments
- Remote controlled with integrated and protected camera systems for high-threat areas
- Easy to transport via 20ft ISO container
- State-of-the-art components to withstand the harshest climatic conditions

# Your Benefits



## UNCOMPROMISED DESIGN

The GCS-200 features a modern, distinctive and sophisticated design that is in line with the GCS-100 product family.



## PROTECTION

The GCS-200 is equipped with ballistic protections made of Hardox steel with a thickness of 8 mm (chassis), 20 mm (lower front section), 6 mm plus 10 mm sandwich (radiator housing), and a V-shaped hull to help dissipate mine blasts. All vital components are integrated inside the outer shell.



## AUTOMATIC TRANSMISSION

The automatic transmission provides six forward gears and one reverse gear. The operator can now adjust the PTO shaft's rpm (revolutions per minute) to any given situation. When put into neutral gear, the PTO shaft stops turning, ensuring the safety of the operator.



## SERVICEABILITY

The two hydraulic doors open simultaneously and give quick and easy access to crucial components. This ensures efficient serviceability even with an insufficient workshop infrastructure.



## SAFETY

The GCS-200 is an unmanned, remote-controlled platform operated best from either the GCS operator cabin or an armoured vehicle.



## MULTI-PURPOSE CAPABILITY

The GCS-200 focuses on its multi-purpose usability against Improvised Explosive Devices (IEDs) and other forms of explosive threats. The standard three-point hitch guarantees a wide range of standard and customized attachments.



## CAMERA SYSTEM

The pan-tilt-zoom (PTZ) camera system offers an adjustable camera arm that can be moved horizontally and vertically while operating for more flexibility and better visibility. During transport the camera can be lowered into a secure position. The system also includes rear and side cameras for 360° vision as well as infrared (IR) and thermal capabilities.



## COOLING SYSTEM

The highly efficient side-by-side cooling system is designed for hot, humid and dusty conditions. It is self-cleaning and ensures the complete cooling and greater longevity of all components, as well as faster and more effective cooling of the engine. The hydraulic pump offers the possibility to adjust the fan speed in accordance with the cooling needs.

# Technical Specifications

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<b>Length without attachment</b>	4,200 mm
<b>Length with tiller attachment</b>	5,550 mm
<b>Width</b>	1,920 mm
<b>Height</b>	2,020 mm
<b>Weight without attachment</b>	8,260 kg
<b>Weight with tiller attachment</b>	10,665 kg
<b>Clearance width</b>	2,000 mm
<b>Clearance depth</b>	150, 200, 250 mm
<b>Clearance performance (max.) - mine clearance</b>	12,000 m <sup>2</sup> /day
<b>Speeds - Driving</b>	0 - 7 km/h
<b>Speeds - Mine clearance</b>	0.8 - 2.3 km/h
<b>Tank volume</b>	App. 200 l
<b>Engine typer, power</b>	Deutz Diesel 6 cylinder, 176 kw (240 hp)
<b>Average fuel consumption</b>	App. 19 - 25 l/h
<b>Autonomy</b>	6.5 - 15 h
<b>Armour protection</b>	6, 8, 10, 20 mm Hardox steel
<b>Remote control operating distance</b>	Up to 1,000 m (line of sight), extended range possible