



# ZONE DEMINING SYSTEM



Zone Clearance System



# SDZ: ZONE DEMINING SYSTEM



## The mechanical mine/IED clearance solution

The SDZ (Zone Demining System) is a powerful, multipurpose and efficient machine able to respond to all demining needs. The SDZ is especially designed to mechanically clear extensive explosive contaminated areas or to create safe lanes quickly. After its use, all types of military or civilian activities (roads, agriculture, etc.) can be undertaken in safe conditions.

Anti-tank mine resistant, the SDZ can perform all EOD tasks when used with different, easy-to-fit tools: bucket, auger, grab, fork, etc.

For safety, the SDZ is remote controlled from armoured or other vehicles; it is equipped with cameras and a GPS system. It can also be controlled visually.

Several SDZ can breach through mine fields.



SDZ has been tested and evaluated with active anti-personnel and anti-tank mines according to CWA 15044: 100% of mines were either triggered or shattered.

## SDZ PERFORMANCES

- mine clearance depth: up to 30 cm
- clearance width: 2.10 m
- clearance performance: minimum 500 sqm/h





## OPERATING CONFIGURATIONS

*The operator can control the machine visually. If the remote control is used from a vehicle, he operates a console with a complete range of commands.*



## TOOLKIT OPTIONS

The main mission of SDZ is to clear an explosive contaminated zone. But, in addition, the SDZ is capable of safely carrying out the following operations:

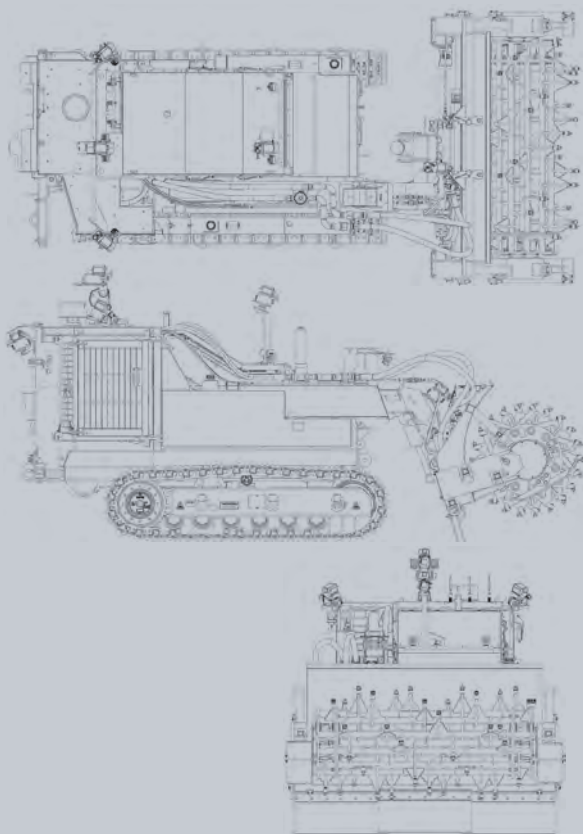
- moving or removing explosive devices,
- destroying them,
- building protective structures to minimise blast effects, etc.

So, the SDZ has several tools kit options including:

- auger,
- backhoe,
- bucket,
- segregator bucket,
- dozer blade,
- flail.



# GENERAL CHARACTERISTICS



## DIMENSIONAL DATA

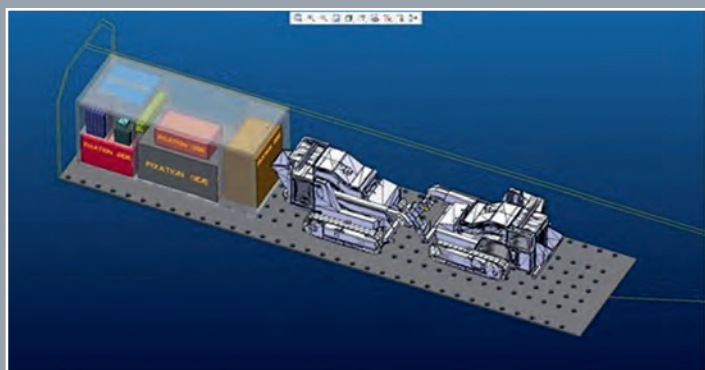
Overall length with tiller	5.90 m
Overall width, tiller	2.85 m
Working width	2,100 mm
Mass, vehicle alone	9 500 kg
Mass, tiller	2 500 kg
Mass Total with tiller	12 000 kg

## DRIVING SPECIFICATIONS

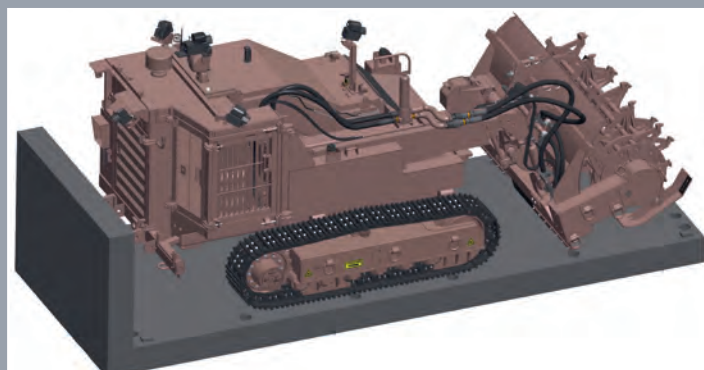
Tracks	Steel and Rubber Pads
Ground clearance	479 mm
Maximum speed	10 km/h

## ENGINE SPECIFICATIONS

A low-consumption, low-maintenance advanced technology engine.	
Engine type	Deutz
Engine max power	250 CV
Fuel capacity	325 l



The SDZ is air transportable by A400M or C17



The SDZ is transportable on loading platform



## CERTIFICATION & QUALITY

Our activities in the Defence and Pressure Vessels fields involve perfect mastery of our management and product processes. Our various certifications demonstrate our desire for excellence in satisfying your needs.

- ISO 9001-2015
- ISO 3834-2
- EN 1090 EXC 4
- AQAP 2110 D

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