



MECHANICAL

SOUVIM-XP

Applications

Handheld
Hazard detection

Types

Metal detectors (MD)

Last update

14/03/6152

General description

SOUVIM-XP is a countermining and counter-IED vehicle dedicated to open mined roads and to secure large areas. The Vehicle holds a metal detector, a ground penetrating radar and a jammer. It has an extra mass, extra power and MMI extension capabilities to operate any future technology. All the components are proven industrial products, off the shelf and easy to support. The vehicle requires but one user thanks to its simplified and user friendly MMI with sound alarms. The operator is totally protected with the V shape armored hull, which is high and narrow to reduce the blast effect to the vehicle.

Working characteristics

A threat can be jammed, detected or decoyed. Decoying means fusing the threat in the safest mode, as far as possible from any body or material. It can be mass decoy, mechanical decoy, magnetic decoy or IR decoy. It is useful when high speed is required in a low density of threats area. Jamming means disrupting communication between the fuse and the shooter. Frequencies are jammed in a large area. Detection could be done with a metal detector when the threat has metal, on a large path (3 m) and high speed (up to 30 kmh). Detection could also be done with a ground penetrating radar when there is threats without metal. Each ground discontinuity is detected, on a large path (3 m) but slow speed (5 kmh).

Dimensional data

Overall length	8700 mm
Overall Width	2450 mm
Overall Hight	3320 mm

Factory support data

Temperature limitations	Currently used in Mali at high temperature
--------------------------------	--

Operational data

Wheels	1
---------------	---

Engine specifications

Engine type / description	DEUTZ
Engine max power	140 hp

Other information

Images