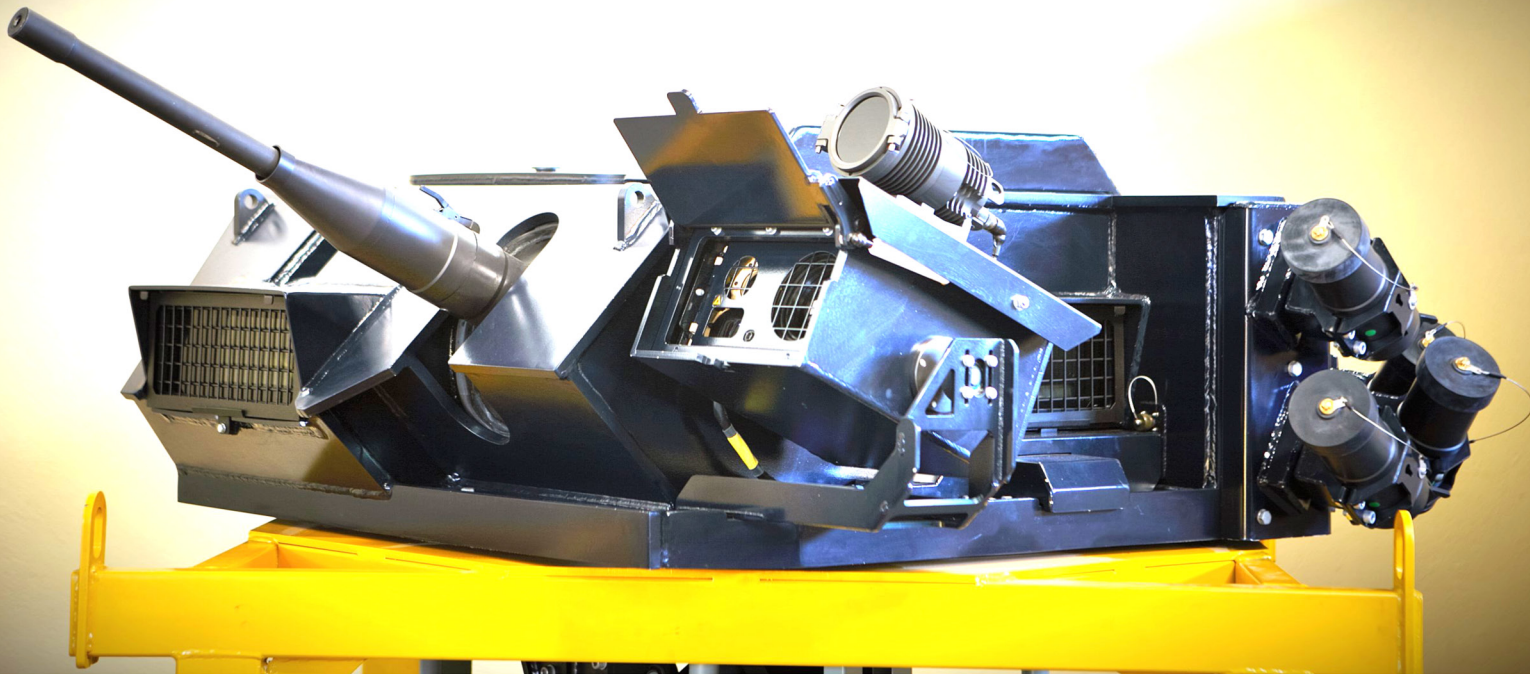


THE DEFINITION OF **ADVANCED WARFARE**



RECON ONE MAN TURRET



COMENIUS

Mk3

Mk3ed

Mk2



RECON ONE MAN TURRET

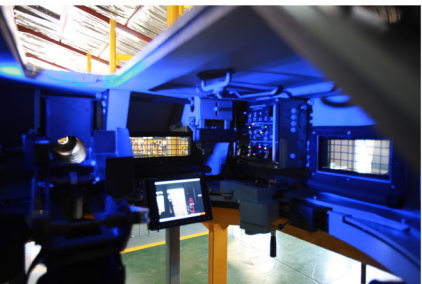
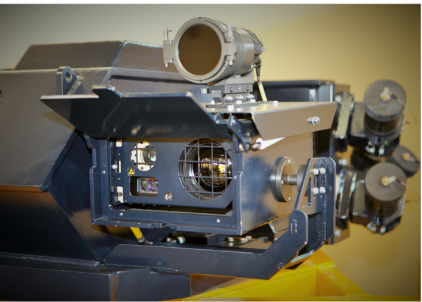
www.comenius.co.za

RECON

ONE MAN TURRET

The primary function of the turret system is to provide fire support for ground troops whilst protecting the gunner and equipment against enemy shell fragments and small munitions.

The system is a, fully enclosed, turret with the main weapon mounted inside the turret hull and operated by one crew member, the gunner.



THE DEFINITION OF **ADVANCED WARFARE**

The Recon Mk3 and Mk2 turrets are equipped with manual turret drives (except in the case of the Mk3ed, where it has electrical drives) as well as with observation and sighting equipment (Fire Control System) and is prepared for the installation of the client selected communications equipment.

The main weapon is supported in a cradle and the ammunition for the main weapon is fed from inside the turret, thus from an armor-protected location.

The **Recon One Man Turret** is designed and qualified to accept either of 7.62mm GPMG, 12.7mm HMG, 14.5mm HMG, 40mm AGL and 20mm Auto Cannon M693. Ammunition bin for ready rounds and an empty cartridge bin installed.

The **Recon One Man Turrets** have been tested against level B7 threats (7.62x51 AP and 7.62x39 API).

Brief turret specification:

8 x 76mm smoke grenade launchers, Gunner Hatch, Weapon Hatch.

360° direct vision – vision blocks with blackout blinds and wire grid anti-riot protection.

Red-Dot periscope sight (back-up sight)

Remote Video Sight.

Day camera with image stabilisation plus wide & narrow fields of view .

Thermal imaging night vision with wide & narrow fields of view.

Laser range finder, 50m to 2,500m.

Ballistic computer, cant sensor.

Gunner Display Unit (GDU)

HMI to engage the target - video display screen, ballistic reticle & laser reticle, boresight function, range tables.

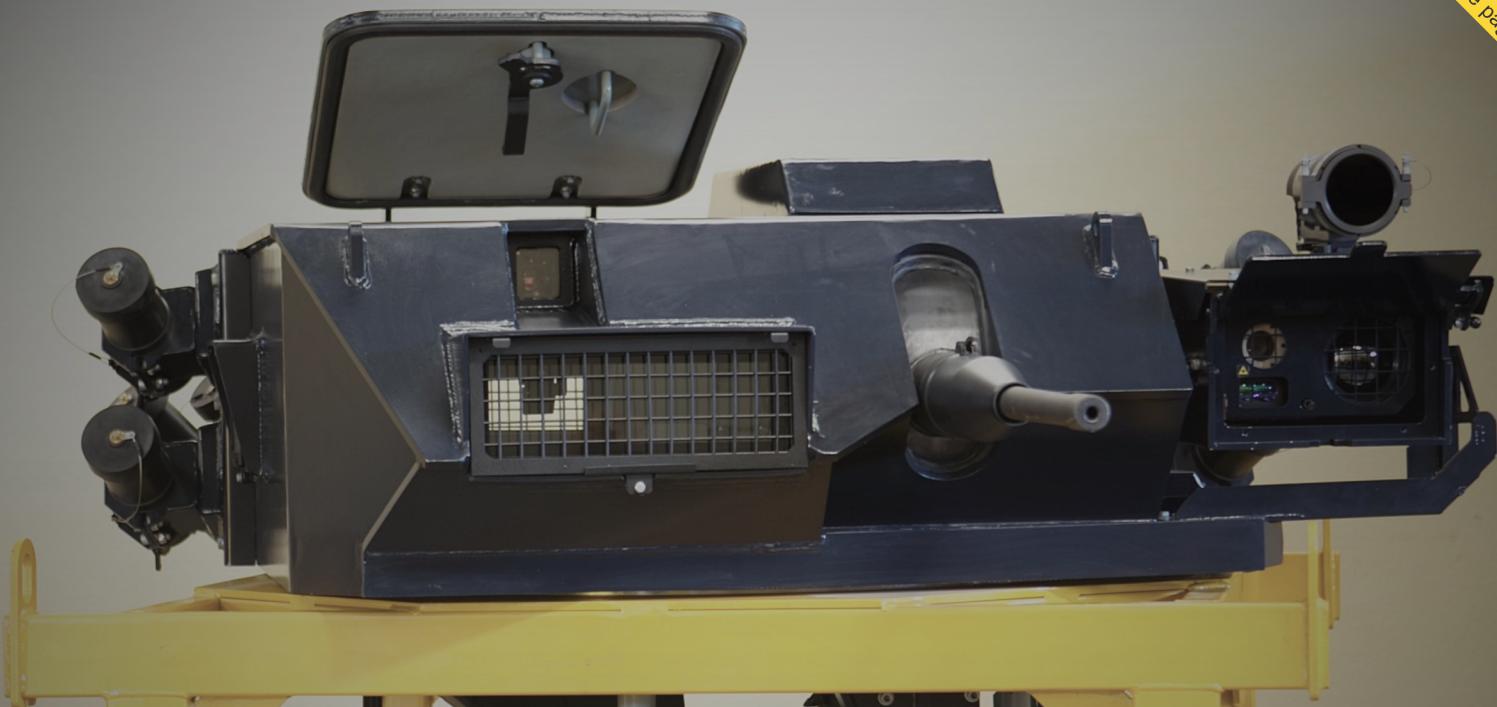
Gunner Switch Panel (GSP).

Power distribution, weapon arming, smoke dispensing, fire safety circuit.

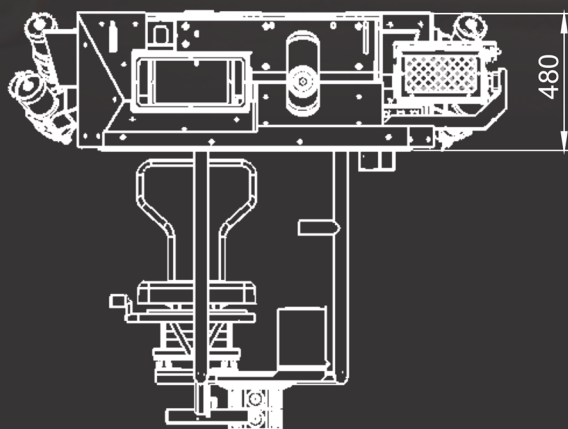
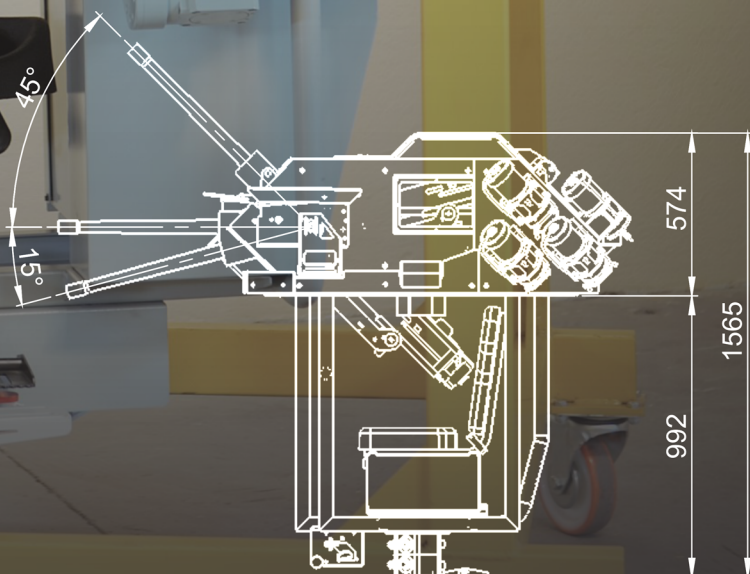
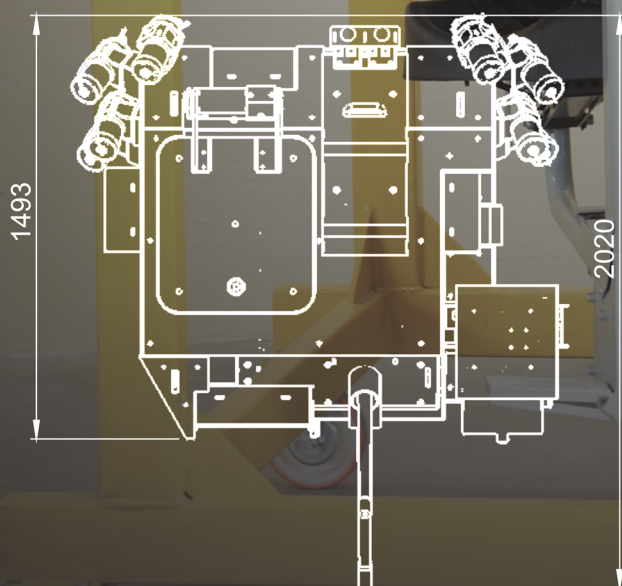
Weapon drives, traverse & elevation

Extractor fan, searchlight, dome light.

Rotary Base Junction RBJ, interface to 24V vehicle power supply.



RECON ONE MAN TURRET OVERALL DIMENSIONS.



Mk3 Mass: 850kg.

Mk2 Mass: 950kg.

Mk3 Ring Gear: 1000mm.

Mk2 Ring Gear: 1200mm

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RECON TURRETS ARE IN PRODUCTION AND IN SERVICE

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