

KINGMANS RESOURCES (PTY)LTD

YOUR GATEWAY TO DEFENCE SOLUTIONS



TURRET SYSTEMS



Terminator Open Turret - TOT

The TOT is an open turret with level 2 protection for rapid target engagement at short ranges. It affords the operator above-armour protection during use of the system.

The purpose of the TOT system is to provide defensive firepower for the vehicle crew with level 2 protection for the operator to enemy shell fragments and small arms fire.

The TOT can be integrated on any existing or new vehicle with the removeable canopy to enable use in urban areas. The removable canopy provides the operator with additional level 2 protection from the top and sides.

Main Features

- ☐ Open turret with level 2 protection
- ☐ Removeable armoured canopy, also level 2 protection
- ☐ Automatic traverse electrical assist outside of the primary gunner engagement arc
- ☐ Optional search light
- ☐ Ammunition bins outside of the hatch behind armoured walls of the turret, minimum capacity 200 rounds
- ☐ Low profile
- ☐ Maximum 150 ready rounds above armour
- ☐ Status – in production

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Technical Specifications

Weapons

7.62mm GPMG (NATO or East Bloc)

12.7mm HMG (NATO or East Bloc)

Crew

One operator

Servo system

Traverse n x 360°

Speed > 0.25rad/s

Elevation -10° to 28°

Sighting system

Red dot or mechanical sight supplied with the weapon

Weight

Assembly (excl. weapon and ammunition) 503kg

Height above roof

938mm including canopy

Power supply

24V dc @ 12A peak <1A continuous



Terminator 30 Turret

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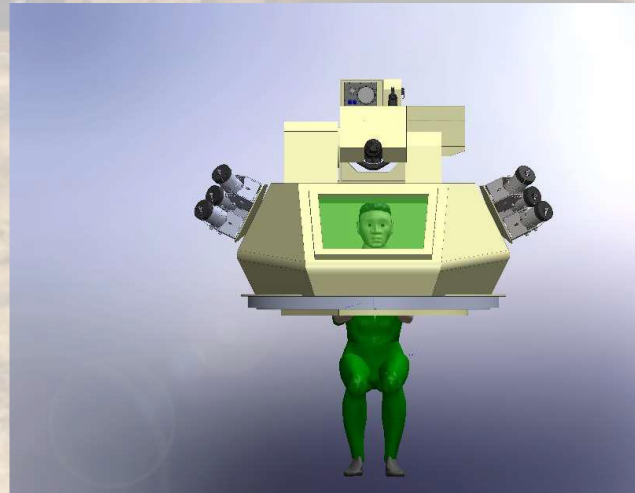
Technical Specifications

Weapons

- 1 x 30mm DEFA or Viper weapon
- 1 x 7.62mm co-axial weapon
- 6 or 8 x smoke grenade launchers

Crew

- One operator
- Servo system
- Fully stabilised GDS
- Traverse n x 360°
- Elevation -10° to 30°
- Speed 0.5mrad/s to 1rad/s
- Sighting system
- Day channel
- Camera HD Colour
- Field of view 3.8° or 5° HFoV
- Digital zoom capability up to 4x
- Night channel
- Uncooled TI module 3.8° or 5° HFoV
- Sensor Uncooled microbolometer
- Resolution 384 x 288 or 640 x 480
- Digital zoom capability 2x
- LRF (typical specifications)
- Measuring distance range 5000m on NATO target
- Distance accuracy 5m
- Virtual Vision Blocks
- Camera HD Colour
- Field of view 60° HFoV
- Digital zoom capability up to 4x
- Weight
- Assembly (excl. weapon and ammunition) 500kg
- Height above roof
- 1182mm
- Power supply
- 24V dc @ 50A peak <10A continuous



The Terminator 30 is a closed turret with level 2 protection for rapid target engagement at short ranges. The purpose of the Terminator 30 system is to provide defensive firepower for the vehicle crew with level 2 protection for the operator to enemy shell fragments and small arms fire. The Terminator 30 can be integrated on any existing or new vehicle to provide extremely quick response to threats using the latest AI and servo drive technology.

Main Features

- ☑ Closed turret with level 2 protection
- ☑ Full 2 axis stabilised weapon system
- ☑ Automatic target detection in the front 240° arc using advanced AI algorithms.
- ☑ Manual or automatic target designation and handover to main gunner sight for fast response to threats.
- ☑ Main weapon ammunition feed and replenishment from bins inside the vehicle.
- ☑ Low profile
- ☑ Smoke grenade launchers fitted as standard equipment capable of firing smoke and fragmentation grenades.
- ☑ Virtual vision blocks providing front 120° situational awareness.



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Gun Slinger 12.7mm Mount

The Gun Slinger mount is an open gun mount which is manually operated for rapid target engagement at short ranges. It can be fitted with level 1 protection if required. The purpose of the Gun Slinger mount is to provide defensive firepower for the vehicle crew with extremely quick reaction times and without the need for power from the host vehicle. The high elevation angles achieved also enable the user to do short range anti-aircraft target engagement.

The Gun Slinger can be integrated on any existing or new lightly armoured vehicle or commercially available double cab utility vehicle.

Main Features

Open mount which can be upgraded to provide level 1 protection.

Full manual control of the system.

Main weapon ammunition feed from 350-400 round bin.

Up to 400 rounds of spare ammunition within easy reach of the gunner for quick reloading.



Technical Specifications

Weapons

1 x 12.7mm M2 or DSHK weapon (dual mount coming soon)

Crew

One operator

Servo system

Fully manually operated

Traverse n x 360°

Elevation -10° to 70°

Speed operator dependent

Sighting system

Single red dot sight

Weight

Basic assembly (excl. weapon and ammunition)

100kg

Additional 50kg for level 1 protection

Height above roof

802mm



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