



**OWS 25R**



## OVERHEAD WEAPON STATION FOR 25mm CANNON AND ANTI TANK MISSILES

The RAFAEL OWS 25R is a stabilized **O**verhead **W**eapon **S**tation carrying 25mm automatic cannon, 2 Anti-Tank Guided Missiles and 7.62mm coax machine gun. It is suitable for integration with a variety of existing or new armored fighting vehicles, considerably upgrading their lethality. Being part of the OWS family, it provides dual 25 mm ammo feed, enhanced accuracy, under-armor or head-out operation.



### Main Advantages

- Light weight and low volume
- Improved protection of the gunner
- No toxic gas hazard
- Good ergonomics and habitability
- Easy disposal of spent cartridges and links
- Low weapon depression angles
- Firing while the vehicle is under cover
- Eye contact between the gunner and the vehicle crew
- High fire power

### Main Features

- Day and night sight
- Dual ammunition feed for the cannon and single feed for the coax machine gun
- Feed system comprises an auxiliary charging mechanism for initial loading
- Last round indication for internal reloading
- Closed hatch and head-out operation capability, using a built-in hatch
- Cannon and coax electric firing with mechanical backup
- 7.62mm coax machine gun internal cocking
- Solid state controlled electric drive system for traverse and elevation
- Manual backup drives
- Integrated Anti-Tank missiles
- Anti-collision system for vehicle interface safety
- NBC protection
- Remote control operation for the commander use (optional)
- Smoke grenade launchers (optional)

## Technical Data

### Armament

Main: 25mm cannon Oerlikon KBA (other optional)  
Anti Tank Missile: Launcher with two Malyutka missiles or RAFAEL SPIKE missiles (other optional)  
Coax: 7.62mm machine gun as a coaxial weapon  
Smoke: 2x3 smoke grenade launchers (optional)

### Crew

One

### Ammunition

Main: 140 HE rounds ready for use  
60 AP rounds ready for use  
Anti Tank Missile: 2 missiles ready for use  
Coax: 250 rounds ready for use

### Ammunition feed

Main: From inside the vehicle  
Coax: From inside the vehicle

### Cocking

Coax cocking facility from inside and outside of the vehicle

### Control

Traverse:  
Electrically controlled  $N \times 360$  deg.  
Elevation:  
Electrically controlled,  
Elevation range: -11 deg. to + 60 deg.  
Manual backup drive

### Optics

Main: Peritelescopic combined day / night sight  
Supplementary: 4 vision blocks

### Weight

1100 Kg. (without the gunner)

### Nominal aperture in vehicle deck

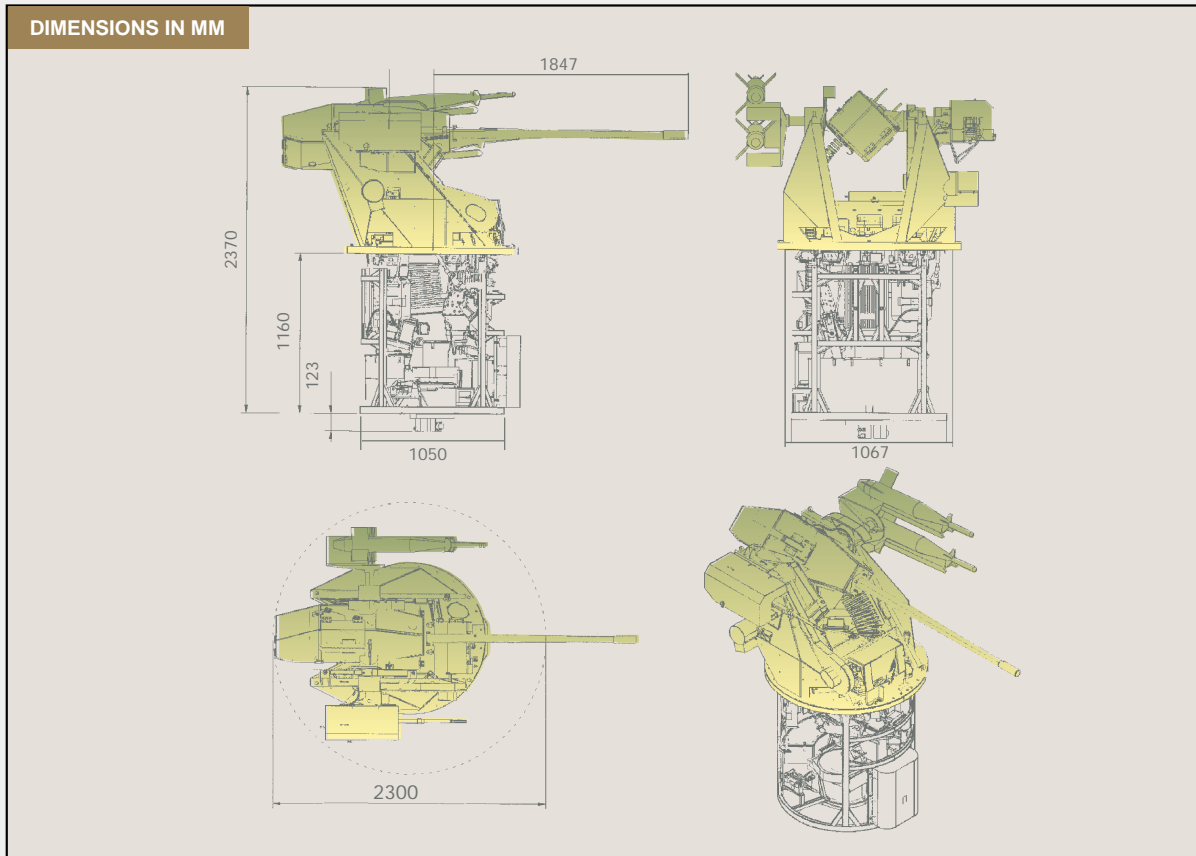
$\varnothing 1067$  mm

### Height Above Deck

1210 mm.

### Power supply

24 VDC



The manufacturer reserves the right to introduce technical changes without prior notice

**RAFAEL**

SMART AND TO THE POINT ●

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