

AL JASOOR

RABDAN 8X8 IFV WITH EOS R800S WEAPON SYSTEM

MAXIMUM
MOBILITY.
MAXIMUM
FIREPOWER.

The Rabdan 8x8 IFV is a new generation, modular platform with a flexible structure that enables the configuration of a variety of armament options. The interoperability design considerations facilitate an easy integration of Manned Turrets or Remote Weapon Systems onto the vehicle platform.

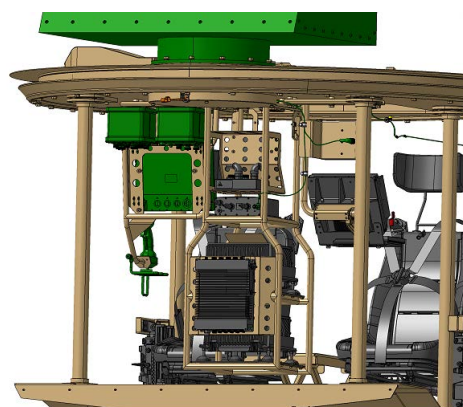
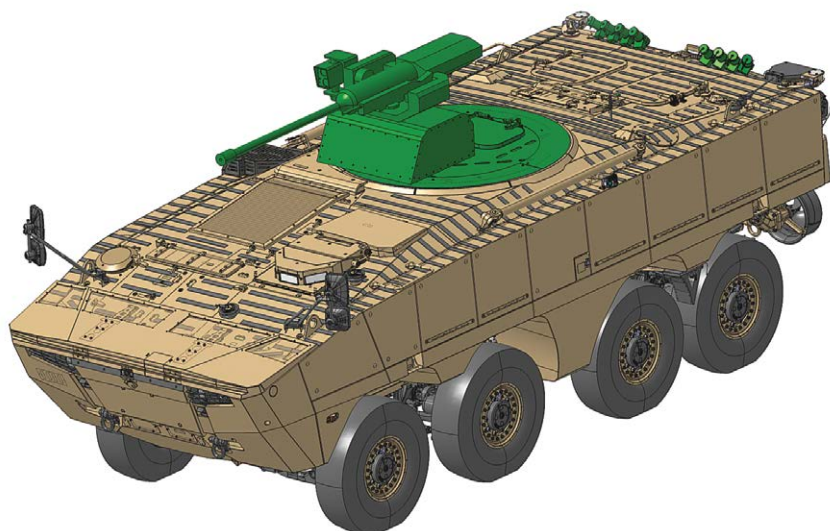
Considering the interoperability advantage of the RABDAN 8x8 IFV, AL JASOOR developed a Vehicle Integration Kit (VIK) for integration of the EOS R800S 30 mm Remote Control Weapon Station (RCWS) on the vehicle. The RCWS can be interchangeably integrated onto the platform instead of the standard manned turret.



SPECIFICATIONS

FEATURE HIGHLIGHTS

- Next-generation amphibious vehicle
- Multi-terrain mobility
- Vehicle integration kit for EOS R800S RCWS
- Full-size medium-calibre turret with significantly lower weight



R800S VEHICLE INTEGRATION KIT

Seating	Gunner and commander seats
Gunner's equipment	All controls for the R800S
Commander's equipment	Commander's display and other provisions
C4I equipment	Provision for equipment installation in VIK and vehicle
Access to roof	Hatch and gunner's stand
Vehicle interfaces	Connect to LAN and power supply. Fitment on standard turret ring provided in Rabdan IFV
Ammunition storage	Provision for 30 mm and 7.62 mm in VIK and vehicle
Smoke grenade launchers	Integrated on vehicle roof

SPECIFICATIONS

GVW	Up to 30,000 kg
Length	8.1 m
Width	3.25 m
Height	2.35 m (over hull) / 3.55 m (to top of RCWS)
Seating capacity	11 personnel

EOS R800S RCWS FOR INTEGRATION ON RABDAN

The R800S is a heavy duty RCWS delivering the lethality of a full size medium calibre turret at a significantly lower weight.

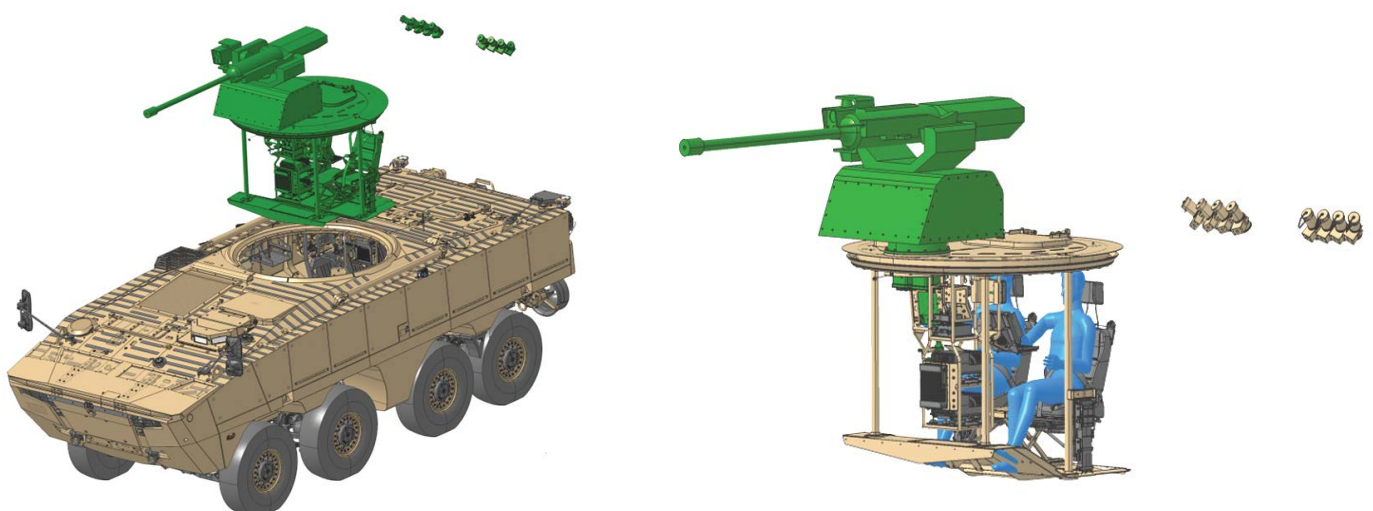
Employing the same common interface as other EOS RCWS, the R800S is intended for customers wishing to upgrade the lethality of lighter vehicles without

compromising payload or making the extensive modifications required to mount a full turret system.

The R800S offers protection options from STANAG level II though IV providing tough, light, long range, lethality to broad range of vehicle classes.

SPECIFICATIONS	BASELINE SYSTEM	OPTIONS
Primary Armament	Bushmaster™ Mk44S/XM813 30 x 173 mm cannon	Bushmaster™ Mk44S 40 mm x 180 mm cannon Bushmaster™ MK230LF 30 mm x 113 mm cannon Other medium-calibre cannons can be integrated
Secondary Armament	<ul style="list-style-type: none"> Mk52 7.62 mm chain gun or M240 7.62 mm machine gun 	M2 0.5 cal machine gun M134 7.62 mm chain gun
Missile	<ul style="list-style-type: none"> 1 x Javelin™ or 2 x SPIKE™ (pod) 	4 x Javelin™ (2 x pods either side) 2 x SPIKE™ (2 x pods either side) 4 x TOW™ (2 x pods either side) 2 x 2.75 TALON™ rocket pods 2 x Stinger™ pods
Ammunition Load (30 mm)	200 rds (2 x containers), dual feed	300+ rds (2 x containers), dual feed
Ammunition Load (7.62 mm)	1000 rds	2000 rds
Sensor Unit	<ul style="list-style-type: none"> Continuous zoom day camera Continuous zoom thermal camera Eye-safe Class 1 rangefinder 	Commander's independent panoramic sensor unit SWIR sensor Multi-band sensor fusion
Ballistic Protection	Basic add-on armour kit: STANAG level II to sensor units, ammunition and electronics	STANAG level II/III/IV to all systems
Elevation Range		+60 degrees -15 degrees
Height		1000 mm/39 inches (to top of main gun)
Length (base)		1200 mm/ 47 inches
Length (overall)		3430 mm/ 135 inches
Width (base)		1200 mm/ 47 inches
Width (overall)		1400 mm / 55 inches (not including missiles or other side attachments)
Weight (no armour)		800 kg / 31 lbs (includes weapons and an ammunition load of 150 x 30 mm rds plus 500 x 7.62 mm rds)

The R800S has successfully been integrated with the AL JASOOR Raban 8x8 IFV fitted with the relevant vehicle integration kit for the RCWS in a joint venture project between EOS and AL JASOOR.



ABOUT EOS

Electro Optic Systems (EOS) is a leading Australian technology company operating in the defence and aerospace industries. EOS specialises in the development of advanced electro-optic technologies and laser ranging.

Our core technologies include:

- Remote Controlled Weapon Station (RCWS) based lethality solutions for the land and maritime environments
- Land based information, surveillance and reconnaissance systems
- Defence and aerospace software development and systems integration
- Advanced laser beam director technologies
- Design and manufacture of telescopes, observatories and laser ranging facilities



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