

PROTECTED MISSION MODULE CARRIER G5

PMMC G5





» TECHNICAL DATA

- GVW: 26,5 tons
- Customized Payload of up to 8,5 tons
- Internal volume of 14.5 m³
- High density power pack:
- Top speed: 74 km / h
- Range of up to 1 000 km
- Climbing ability: 60 %
- Lateral inclination: 30 %
- Pivot turn function
- Rubber track technology



MULTIROLE PLATFORM

One chassis for infinite possibilities



The PMMC G5 is a development from the Flensburger Fahrzeugbau Gesellschaft (FFG) to meet the requirements of the home and export markets that require a replacement of existing vehicles in their inventory.

A special focus of the design of the PMMC G5 is its outstanding protection capabilities. Already in the basic configuration the PMMC G5 offers high level integrated mine and IED protection, which was up to now only available for vehicles with a much higher gross vehicle weight. With add-on armour the ballistic protection level can be easily increased.

The combination of the use of MOTS and COTS products and a very robust vehicle design in addition with an easy service and maintenance, makes the PMMC G5 an attractive vehicle and a very effective solution with Low Life Cycle Costs.

Tactical advantages of a tracked carrier platform

- High mobility on road and cross country
- Excellent off-road manoeuvrability and own length turning radius / pivot function
- Tactical route flexibility
- Traction on slope
- Gap & obstacle crossing
- Large future weight growth potential
- Easy transportation by truck, air and sea freight
- Low vibration single piece composite rubber track
- Low ground pressure

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One chassis for infinite possibilities

The PMMC G5 with its spacious interior is equipped with state of the art technology and provides ergonomic comfort which equals operating efficiency. The basic vehicle platform can easily be configured into the variant which best suits the existing mission requirements. The PMMC G5 can be equipped with various weapon stations for improvement in combat capability, survivability and operational effectiveness.



Available in the following variants:

- » APC
- » JFST
- » Com Post
- » Ambulance
- » Mortar
- » Engineer
- » Repair
- » Recovery
- » Fitter
- » EOD
- » Recon
- » Transport
- » AIFV
- » Air Defence

» KEY ATTRIBUTES AT A GLANCE

Cost effective solution

- Maximum value for money approach
- Cost effective solution with low Life Cycle Costs (LCC)
- Future growth potential
- Complete life cycle support partnership
- Huge payload and future growth potential of up to 8.5 tons
- Easy vehicle service and maintenance
- Minimised maintenance due to robust design

Advantages

- Protected transport for up to 12 soldiers
- Wide exit hatches
- High situational awareness
- Self defence capability with Remote
- Controlled Weapon Station
- Inherent stealth characteristics
- Low vehicle noise level
- Simple one unit power pack removal
- Off-road capability of MBT on mud, snow, sand etc.
- Excellent urban terrain mobility due to pivot turn function



SITUATIONAL AWARENESS

- Direct view under armoured glass – huge field of view
- Day / Night Camera system
- Rear view and driving under protection
- 360° Situational awareness
- Triple redundancy (Windows, Cameras, Periscopes)

CREW COMPARTMENT

- Transport of up to 12 soldiers
- Ergonomic seats
- Sufficient head room
- Permanent protection for the driver – no driving with open hatch
- Generous space for the soldiers' legs



PROTECTION

Maximum crew survivability

- Modular ballistic protection
- Integrated protection against mines and IEDs
- Blast resistant seats and hull design
- IED protection against splinter, fragments and explosively formed projectiles (EFP)
- Significant protection also in overmatch situations

G5 VECTRONICS

Integration of:

- Communication systems
- IT-Systems
- Displays
- Battle Management Systems
- Interfaces for Weapon Stations
- Interfaces for power supply of Soldiers





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