

# SLICE

SLICE is a vehicle interface which enables armoured vehicles to rapidly fit Front-End Equipment in order to perform mobility and counter mobility tasks without the need for permanent vehicle modification.



## SLICE

'SLICE' is designed to provide combat vehicles with an organic, scalable, and modular approach to mobility when it is needed. This product enables Main Battle Tanks and other armoured vehicles to rapidly fit, operate and remove a wide range of Front-End Equipment such as Mine Ploughs and Dozer Blades.

The lightweight interface is designed to be quickly and easily installed without permanent modification to the host vehicle, therefore having no impact on the vehicle's survivability. When SLICE is fitted there is minimal to no change in the host vehicle's approach angle or step-height characteristics. SLICE is also designed to avoid any impact on gun sweep or driver vision. The product includes an integrated hydraulic motor pump and control system, further lessening the impact on the host vehicle.

With an understanding that the demands of the battlefield can evolve rapidly, the host Main Battle Tank can be returned to its original state without SLICE and without any Front-End equipment.

Enhanced mobility and adaptability are critical assets in reducing the predictability of armoured vehicles. SLICE provides Commanders with the option to rapidly mobilise a broader range of vehicles, drawing upon a common pool of front end equipment that is both suitable for dedicated engineering vehicles, and for use temporarily by others. In this way, a Mine Plough normally used by a dedicated engineering vehicle and which already exists in an inventory could be used by a Main Battle Tank, when needed.

When the mission requires, SLICE can be easily fitted and removed from the MBT in approximately 15 minutes using a crane and basic tools. Once fitted onto the MBT, front end equipment can then be quickly fitted onto SLICE in field conditions, without the requirement for tools. Dependent on the environment, this takes around 10 minutes but with suitable training can take as little as 2 minutes. Importantly, the interface allows for under armour jettison of battle-damaged equipment.

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### PRODUCT CHARACTERISTICS

- + Provides combat vehicles with scalable and modular mobility and counter mobility capability
- + Plug and Play functionality - Front end equipment can be rapidly fitted and removed in 'field conditions'
- + Compatible with a wide range of capability enhancing front end equipment
- + Integrated hydraulic motor pump and control system
- + Enables 'under armour jettison' of battle damaged equipment

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### SUITABLE FOR:

- + Heavy weight tracked vehicles
- + Medium weight tracked vehicles
- + Medium weight wheeled vehicles

