

## Protected Weapon Station (Support Weapon)

NSN: 1005-99-277-2318

ISTEC: 5989

### Description

The Protected Weapon Station (Support Weapons) PWS(SW), is a lightweight protected gunners platform designed specifically for light armoured vehicles. It provides light platforms with the ability to mount 40mm grenade launchers, 0.5in HMG or 7.62mm GPMG. Additionally it also provides an increased situational awareness to the vehicle and commander.

The PWS(SW) is one of a family of lightweight gunner's mounts and was designed to meet a UK operational need and is used on the HUSKY Medium Tactical Support Vehicle TSV(M). It's key features include: lightweight composite armour to both keep weight down and prevent degradation of the vehicles communication and electronic counter-measure assets; a Universal Gun Mount (UGM) capable of mount 40mm GMGs, HMGs, GPMGs or LMGs; easily removable armour panels to aid repair and upgrade in the field; a geared and sprung 'soft use' integral armoured hatch; a geared, sealed lightweight ring; storage for additional ammunition, spare barrels, sights, night sights, personal equipment and weapon all above the ring.

The system is fully scalable to meet the demands of future operations. Should the situation arise, all armour panels and the gun mount can be removed, just leaving the hatch which can be fully opened to 180 degrees. This allows for a less aggressive stance and can be completed by a trained vehicle crew within one hour without the need for additional tools.

The modern asymmetric battlefield calls lightweight, armoured and mobile platforms to be able to deal with the demands of the user and to counter the increasing range of threats.

The PWS family meets the needs of the modern warfare fighter, using the latest equipment in the most demanding of changing environments.

### Key Features

- Protection Level: Stanag 4569 Level 3- multihit
- Hatch: 0°-180°. Spring Assist (all positions).
- Armour Protection: Ceramic/Polyethylene - Removable Panels & Front Shield  
S2 Glass - Hatch  
Armour Steel - base plate
- Weapon Fit: 12.7mm HMG, 40mm GMG, GPMG, LMG. Mounted to Istec's Universal Gun Mount  
Stowage for personal weapon.
- Elevation: 30° (HMG)
- Depression: 20° (HMG)
- Traverse: 360° - Manual drive (powered drive optional) +/-15° with traverse ring locked
- Weight: 400kg (less weapons and ammunition)  
500kg - GMG & 3 boxes ammunition & infantry weapon.  
550kg - HMG & softmount & 5 boxes ammunition & infantry weapon.
- Dimensions: Swept Radius: 1.74m (HMG muzzle)
- Height: 0.70m (0.85m hatch open)
- Width: 1.59m
- Length: 1.94m (2.62m to HMG muzzle)
- Vehicle Interface: Roof aperture - dia 850mm Nom.

