



Safety Seat SPS

3-D Side Protection Seat
for Armoured Vehicles



THINKING SAFETY



Safety Seat SPS

Mines and IEDs (Improvised Explosive Devices) with high blast forces represent an enormous threat to the crews of armoured land vehicles in theatre. To provide crews with improved protection against explosions in addition to armour-plating of vehicles, effective safety seat systems are mandatory.

The principle behind the AUTOFLUG safety seat systems is consistent breakage of the rigid connection between the vehicle and its occupants by means of textile seat structures. The AUTOFLUG Side Protection Seat (SPS) allows troopers to get a safe ride between dismounted missions.

AUTOFLUG safety seat systems have already been successfully integrated in international vehicle programmes.



Minimum space claim



Foldable seat pan

SPS: Performance Benefits

- Capable to withstand multiple blasts
- “Multi-directional” functionality
- Protection potential > level 4b (STANAG 4569)
- Accommodates 5th to 95th percentile
- High attenuation of vibration, shock and vehicle movements
- Occupant protection in crash/rollover
- Height configurable
- Weight starts at 6.5 kg /14 lbs.
- Mounted in /against /sideways to driving direction

SPS: Design Benefits

- Suspended, lightweight safety seat
- 4/5-point harness with quick release buckle
- Interface points at ceiling & floor and /or wall
- Integrated head rest (optional side protection)
- Integrated foot rest (optional)
- Integration and qualification support available

SPS: Configuration Benefits

- Foldable to create maximum storage space
- Quick, easy egress rear /side hatch
- Seat dimensions can be tailored to soldier systems