

SEP

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Tracked and wheeled modular armoured vehicles



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HÄGGLUNDS

**BAE SYSTEMS**



SEP is available in both tracked and wheeled configurations, with interchangeable, specialised mission modules, providing the best possible multi-role flexibility, as well as reducing running and life cycle costs.



## SEP Modular Armoured Tactical System

SEP (Splitterskyddad Enhetsplattform, or Modular Armoured Tactical System) has been developed by BAE Systems Hägglunds and Sweden's Defence Materiel Administration to meet the needs of the forces of the future. Tomorrow's vehicles must be capable, modular, flexible and upgradeable. To satisfy these requirements, SEP's innovative and advanced design has been based on the principles of commonality, flexibility and upgradeability, enabling a wide range of functions and roles on a uniform basic platform.

SEP's versatility enables it to replace a wide range of armoured vehicles including command and control, personnel carriers, all-terrain logistics vehicles, sensor platforms, repair & recovery vehicles, ambulances and light combat vehicles.

Meeting future requirements means making use of the latest technological developments. SEP features advanced stealth technology, including a battery power option which enables the vehicle to run in silent mode. The vehicle is equipped with databus-based vehicle electronics and optronics for driving and surveillance.

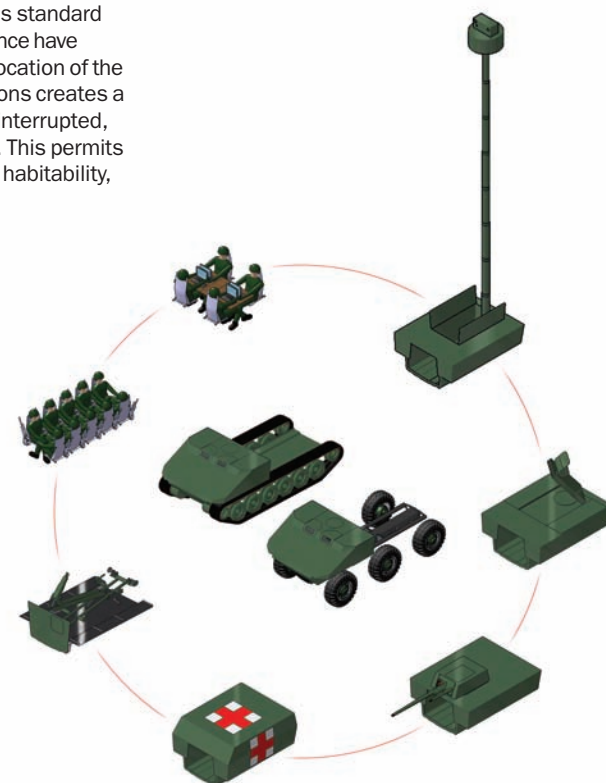
High levels of protection are offered as standard and reliability and ease of maintenance have been built in from the outset. The relocation of the engine and drive line into the sponsons creates a unique crew space that extends, uninterrupted, throughout the length of the vehicle. This permits next generation levels of fightability, habitability, command and control.

SEP's advanced features include:

- Electric drive
- Advanced databus electronics
- Decoupled running gear
- Rubber band tracks
- Built in test equipment
- Silent operation
- High levels of protection and survivability

SEP has been designed with future technology growth in mind. Future generations of SEP could be equipped with technologies that are not yet fully developed today, such as:

- Electric armour
- Fuel cells
- Electric guns
- Remote control



## Specifications

### SEP ARMOURED PERSONNEL CARRIER

SEP Tracked		SEP Wheeled 6x6		SEP Wheeled 8x8	
Length	6m	Length	6m	Length	6m
Width	2.8m	Width	2.8m	Width	2.8m
Height	1.9m	Height	2.2m	Height	2.2m
Weight (empty)	11.5 tonnes	Weight (empty)	11.5 tonnes	Weight (empty)	14 tonnes
Payload	6 tonnes	Payload	6 tonnes	Payload	10 tonnes
Total combat weight	17.5 tonnes	Total combat weight	17.5 tonnes	Total combat weight	24 tonnes
Internal volume	13m <sup>3</sup>	Internal volume	13m <sup>3</sup>	Internal volume	13m <sup>3</sup>
Maximum speed	85 km/h	Maximum speed	100 km/h	Maximum speed	100 km/h

