

B v 2 0 6 / B v 2 0 6 S / B v S 1 0

FAMILY OF ALL TERRAIN VEHICLES



HIGH MOBILITY

AMPHIBIOUS

AIR TRANSPORTABLE

ARMOUR
PROTECTION

The Company reserves the right to change these specifications

A subsidiary of Alvis plc

Bv Family 040422 E6 • Info

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ALL TERRAIN VEHICLES

Hägglunds All Terrain Vehicles are a family of high mobility, multi purpose tracked vehicles in service with most NATO forces. The vehicles offer excellent strategic and tactical mobility for worldwide operations. Air transportable in C130 and carried either internally or under-slung medium size helicopters. The vehicles are fully amphibious with outstanding tactical, all terrain, all weather, mobility. The design provides great flexibility with more than 30 variants produced.

The vehicles consist of two cars on two tracks each. The front and rear car are interconnected by an ingenious steering device that provides the steering control thus ensuring full power on all four tracks at all time, giving superior operational mobility. They are designed to meet tough military requirements for high reliability and low through life support cost.

The vehicles are powered by commercially available turbo charged diesel engines with automatic transmission to ensure supportability, easy training and smooth driving in all terrain.

A family of variants has been developed in close co-operation with the customers in order to fulfil high operational requirements.

The vehicles are used as logistic vehicles, C4I vehicles and weapon platforms. Examples on existing variants are;

- Troop carrier
- Cargo carrier
- Ammunition carrier
- Fuel carrier
- Forward repair vehicle
- Ambulance
- Command post
- Radio relay vehicle
- Mortar carrier
- Load change carrier
- Flat bed carrier

B v 2 0 6

The Bv206 is Hägglunds' original All Terrain Vehicle, delivered to 37 countries, of which more than 11000 units have been produced.

The Bv206 has glass fibre reinforced plastic bodies that can carry up to 17 fully equipped soldiers. It offers the same superior operational mobility and high reliability as Hägglunds other all terrain vehicles.



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For Bv206S and BvS10 survivability is provided through basic armour bodies prepared for add on protection. Smoke grenade launchers provide close protection and different weapon installations are available such as 7.62 – 12,7mm machine gun and 40mm grenade launchers. Prepared for NBC protection, automatic fire suppression and air conditioning.





Bv206S ARMoured ALL TERRAIN VEHICLE

The Bv206S Armoured All Terrain Vehicle is a further development of the successful Bv206, and is designed to meet tough military requirements for extreme mobility under ballistic protection, in all climates, with high reliability and low maintenance costs. The Bv206S is designed for multirole worldwide operations and is an ideal concept for rapid deployment tasks, peace enforcement, peace keeping and humanitarian aid programmes, thanks to its outstanding performance and "ready to go" capacity.



The Bv206S is designed for air transportation in a number of aircraft such as C130, C17 and CH47, CH53 helicopters and is amphibious with minor preparation.

The Bv206S is in service within the French, German, Italian, Spanish, and Swedish armies and under evaluation by other armies.

In extreme terrain and weather conditions, where most other vehicles and aircraft cannot move, the Bv206S All Terrain Vehicle can safely get through.

The Bv206S can be used to transport 12 combat equipped soldiers and is available in various configurations.





BvS10 ARMoured ALL TERRAIN VEHICLE

The BvS10 is a larger vehicle, with improved load capacity, based on the experience gained from over 25 years of articulated vehicle design and production. BvS10 offers a load capacity of 3 to 5 tonnes.

The BvS10 has the same superior mobility in difficult terrain as the Bv206 and Bv206S, including amphibious landing capability.

The newly developed chassis, power train and steering units give the vehicle speed and comfort on road and in terrain comparable with modern IFVs. It has a low signature and is built for the highest level of tactical and strategic mobility.

High reliability and low life cycle costs are incorporated in the design of the BvS10. Various modular sub-systems such as add-on armour, weapon mounts, load changer and cargo platforms are also incorporated into the design of the vehicle, which gives great flexibility to meet customer requirements. BvS10 has a built in growth potential for the future.

BvS10 has been ordered by the British Royal Marines in three variants, troop carrying, command and repair and recovery vehicles.

