

BvS10 BEOWULF

Unrivalled mobility.
Well-proven technology.

The unstoppable Nordic Hero



BvS10 BEOWULF

Meet the **evolution** following 40 years of experience from the well proven Bv206 and BvS10

Is a **Dual body**, amphibious vehicle with well-proven technology that is designed to provide total operational support where other vehicles cannot. BvS10 BeoWulf is designed and developed in Sweden by BAE Systems Hägglunds.

It is **based upon** battle proven driveline technologies that underpin the BvS10 family of vehicles in service worldwide which means an outstanding pedigree of reliability, durability and high system availability.



- **Mobile** Outstanding in all environments.
- **Capable** Up to 14 personnel, approx. 8 000 Kg payload at 65 km/h.
- **Durable** Engineered for 24/7 operations.
- **Reliable** All conditions, worldwide.
- **Maintainable** Engineered for low cost of ownership.
- **Amphibious** Without preparation.



Logistic. Support. Multiuse.

BvS10 BEOEWULF base configuration is a new unprotected platform combining the best of Bv206, Bv206S and BvS10 and is configurable and ready for future growth. The ideal platform for Military applications, HADR (Humanitarian Aid Disaster Relief), Fire Fighting and Rescue operations thanks to the built in flexibility.

BvS10 BEOEWULF is a modern vehicle which leverages commercial automotive technologies and ergonomics resulting in increased crew comfort and a decreased maintenance burden.

Building upon the success of the BvS10 family of vehicles from BAE Systems Swedish entity Hägglunds and utilising the well proven and reliable powertrain and chassis, the application of commercial requirements results in a flexible cabin that delivers a modern design solution and user interface.



The **all-terrain** vehicle that takes you beyond boundaries

Manoeuvrability is the key to success

In most critical situations, the ability to quickly reach your objective is a top priority. BvS10 BEOWULF is designed to support the crew in any conditions and in any terrain.

Whether the mission is to transport equipment or serve as an ambulance service you can always rely on getting there even if you have to cross deep waters or rocky mountains.

A new vehicle generation offering a step change in performance. Extreme mobility, fully amphibious in combination with unrivalled payload and modular build with endless variations.





BEOWULF (ˈbæ.wʊlf)

Old English epic poem celebrating the Scandinavian hero Beowulf who would travel immense distances to prove his worth against mortal enemies.

Not a single detail
is a **coincidence** — it
takes you anywhere

Smart solutions from 40 years' experience



Bv206 and BvS10 history and development

Facts

1974

Contract to develop a new tracked articulated, all-terrain carrier Bandvagn 206 (Bv206).

1980

The Finnish defence forces orders the Bv206; this is the very first export order for the all-terrain vehicles.

1981

The serial production of Bv206 begins which quickly becomes a major export success. Today, the all-terrain vehicle is in service in more than 40 countries. Tracked vehicles are sold for civilian use as well as military use.

1998

Hägglund features a newly designed version of the armored tracked vehicle, a larger, stronger and faster armoured tracked variant called BvS10.

2001

The BvS10 begins a 24 month series of trials in Norway, the UK, Sweden and Oman.

2004

Following the trials, the vehicle completes a winter deployment north of the Arctic Circle in Norway, while in Oman it takes part in Exercise SAIF SAREEA 2.

2005

The UK Royal Marines accepts 108 vehicles into service. The Netherlands Defence Materiel Organisation places an order for 74 BvS10s.

We have world class knowledge thanks to a long **successful** history of all terrain vehicle production

Global All Terrain Vehicles Footprint

- More than 12 000 units sold worldwide
- In service in more than 40 countries
- More than 50 variants produced

The UK Royal Marines Armoured Support Company deploys the vehicle on operations for the first time in Afghanistan in September.

2006

As part of the Dutch ISAF contribution, a Royal Netherlands Marine Corps company is deployed to the province of Uruzgan in Afghanistan, including 26 units modified with slat armour.

2009

BvS10 deliveries commence to the French Armed Forces.

2010

Swedish Army places an order for another 102 BvS10s.

2013

Real live tests with customers

2016

2008

BvS10s are sent with a Dutch Marine reconnaissance unit to Chad in order to support a EUFOR peacekeeping mission.

2009

The French Armed Forces place an order for the BvS10.

2012

Contract with Swedish Army on 48 BvS10s.

2015

Launch of the BvS10 BEOWULF, based upon battle proven driveline technologies which means an outstanding pedigree of reliability, durability and high system availability.

Versatility summarizes the **features** of BvS10 BEOWULF

Mobility

Manoeuvrability is key in every environment

BvS10 BEOWULF enables rapid response in all terrains, necessary in military as well as rescue/disaster relief situations. The vehicle's go-anywhere ability allows it to negotiate slopes, gaps and water in any environment.

With a top speed of 65 km/h and a range of up to 1 000 km, the BvS10 BEOWULF offers the greatest mobility of any system in its class.

The BvS10 BEOWULF is equipped with:

- A Cummins 6.7 litre in line six-cylinder turbo diesel engine.
- Unrivalled track system design allows for movement over unstable and soft terrain through its extremely low ground pressure.
- The articulated steering and drive system provides the highest manoeuvrability and mobility over obstacles, reducing risk of mission failure through becoming bogged down.



Payload

The ability to adapt to any environment provide greater crew comfortness

BvS10 BEOWULF allows for incredible flexibility in meeting the most demanding mission profile. With 8 tonnes payload and the built in capacity for special-to-role cabins, the system gives the freedom to carry personnel, cargo supplies or humanitarian aid equipment.

The BvS10 BEOWULF payload summary:

- Payload of up to 8 tonnes for the Load Carrier Vehicle.
- Class leading ergonomic interior design that can accommodate 5th to 95th percentile personnel.

Flexibility

Our customers will have the opportunity to work in close co-operation to create the variants needed to meet their requirements

The BvS10 BEOWULF offers a high level of flexibility with easily exchangeable rear cars. This allows for reconfiguring the vehicle to meet the needs of a specific mission.

The spacious interior allows for easy installation of inter-changeable equipment via the C-rail system in order to prepare it for the most demanding operation.

BvS10 BEOWULF is designed
to serve the crew in any mission,
conditions and terrain

Specifications

Mobility

Climbing:	45 degrees
Gap crossing:	2 m
Step climbing:	≥1.0 m
Max cant (static):	>35 degrees
Turning circle:	11/14 m (with/without pitch control)
NGP:	25 kPA (at 0.2/0.05 m sinkage at GVW)

Engine

Cummins:	6.7l in-line 6-cyl
Power:	210 kW/285 hk/970 Nm

Transmission

Allison automatic, 6 speed forward, 1 speed reverse

Electrical system

Voltage:	24v DC
Alternator:	400 A

Dimensions

Gross vehicle weight:	~15.5 t
Height:	~2.5 m
Length:	~8.0 m
Width:	~2.2 m

Performance

Max speed:	~70 km/h
Reverse:	~10 km/h
Water speed:	~4 km/h
Range:	400 km std – up to 1 000 km

Front car

2/4 people cabin	
Load capacity:	approx. 3 tonnes

Rear car

People/special-to-role cabin	
Load capacity:	approx. 5 tonnes





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