



BvS10

Versatile Tough Relentless

All-terrain vehicle family

BAE SYSTEMS

INSPIRED WORK

The vehicle that never stops

Versatile Outstanding all-terrain mobility
Tough Optimum protection for crew
Relentless High tempo through sand, snow, swamp and water

With more **than 40 years of experience**, the BAE Systems Hägglunds' all-terrain vehicle family – with the well proven Bv206 and BvS10 – are in service world wide, which means an outstanding pedigree of reliability, durability and high system availability.

The BvS10 is an armoured, twin-body, amphibious vehicle that is designed to **provide total operational support** where other vehicles cannot. Capable of rapidly traversing terrain that would hinder other all-terrain vehicles, the BvS10 provides its crew with a **go-anywhere ability** that increases survivability no matter the theatre of operations.

The vehicle has performed in **operations all over the world** as a means of Force Protection. It has met demanding mission requirements, while retaining low operating and maintenance costs.

Based upon battle proven driveline and chassis technologies that underpin the all-terrain vehicles in service worldwide, in 2015 the latest member of the Bv family of vehicles was unveiled, BvS10 BEOWULF.





Bv206 and BvS10 history and development

Global presence of
BAE Systems Hägglunds'
all-terrain vehicles

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 deliver 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

Contract signed with Austria on 32 BvS10s.

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.

BvS10 Variants

A number of variants have been developed in close co-operation with our customers to fulfil high tactical requirements

The BvS10 design is made with flexibility in focus allowing commanders and users to make the vehicle fit for specific missions. The spacious volume easily allows for the installation of inter-changeable equipment and hardware via the C-rail system in order to prepare it for demanding requirements and enhanced tactical manoeuvres.





1. Armoured Personal Carrier (APC).
2. LOG/Flatbed. 3. Remote Weapon Station (RWS). 4. Missiles. 5. Arthur.
6. Repair and Recovery. 7. Crew Served Weapon (CSW). 8. Mortar.
9. Ambulance



BvS10

Features and Specifications

Mobility – Manoeuvrability is key on the battlefield

The vehicle's go-anywhere ability allows maintaining operational tempo for rapid response and out-flanking of enemy units. This enables greater tactical manoeuvres and increased crew survivability.

The extreme mobility incl. amphibious @ high level of payload up to 7 tons combined with an unexcelled range capability within the ATV domain offers greater mobility and flexibility than most armoured vehicles.



Protection – crew survivability is key priority

The vehicle design with high strength steel structure combined with flexible ad-on solutions, protect soldiers from the threat of Mines, IEDs, small arms fire and artillery attacks.

Additional protection systems for defence against RPG rounds, CBRN filter system, Automatic and/or manual fire suppression systems etc. are available.



Transportability

The BvS10 offers excellent strategic and tactical mobility for worldwide operations by being designed for transportation by sea, air and land.

BvS10

Mobility

Climbing:	45 degrees (100%)
Gap crossing:	>2 m
Step Climbing:	>1.0/0.6* m (fwd/rev – APC)
Max cant (static):	>35 degrees
Turning circle:	11/14* m
NGP (at GVW):	25 kPa
(*with/without pitch control)	

Powerpack

Cummins diesel:	6.7L In-line 6 cyl.
Allison automatic:	210 kW/285 hk/970 Nm 6 speed forward/1 reverse

Electrical System

Allison automatic, 6 speed forward, 1 speed reverse

Electrical system

Voltage:	24V DC
Alternator:	400A

Dimensions and data

Height:	2.45 m
With:	2.25 m
Length:	8.0 m
GVW:	15 500 kg
Payload:	5.5/7.0 ton (APC/LOG)
Crew:	4/8 front/rear cabin

Performance

Max speed:	70 km/h
Reverse:	10 km/h
Water speed:	4km/h
Range:	350 km (500 km optional)
Operating temperature +49 to -46 °C (A1 to C2)	

Protection

Ballistic protection	Basic hull protection against Small-arms fire and artillery threat
	Enhanced protection (option) With add-on up to 14.5 mm
	Liner (optional)
Mine and IED	Basic protection against smaller AP mines Enhanced protection (option) with Additional deflector plates

BvS10 BEOWULF

The news member of Bv family
of all-terrain vehicles

BvS10 BEOWULF 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.

Building upon the success of the BvS10 family of vehicles and utilising the well proven requirements results in a flexible cabin that delivers a modern design solution and interface.



Through life support services

Our offer

Ensuring operational capability and availability

Providing service excellence – wherever, whenever

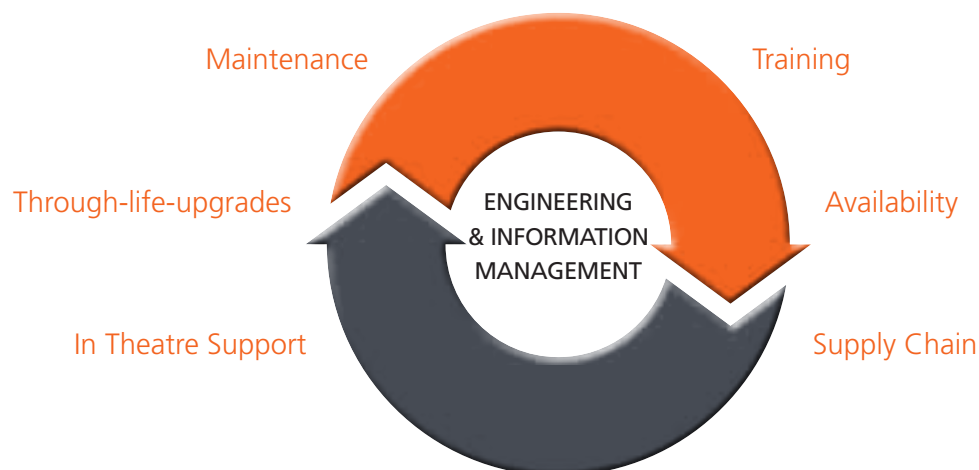
Knowledge, experience and resources to prepare forces to a mission-ready state

Support during all operations – domestic and in theatre

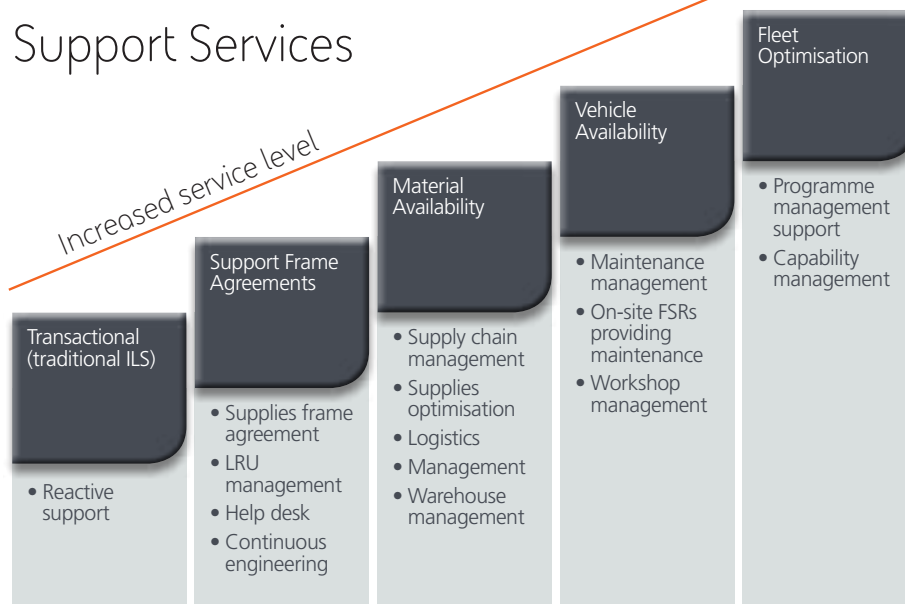
Post-mission recovery, recuperation and regeneration



Services portfolio



Support Services



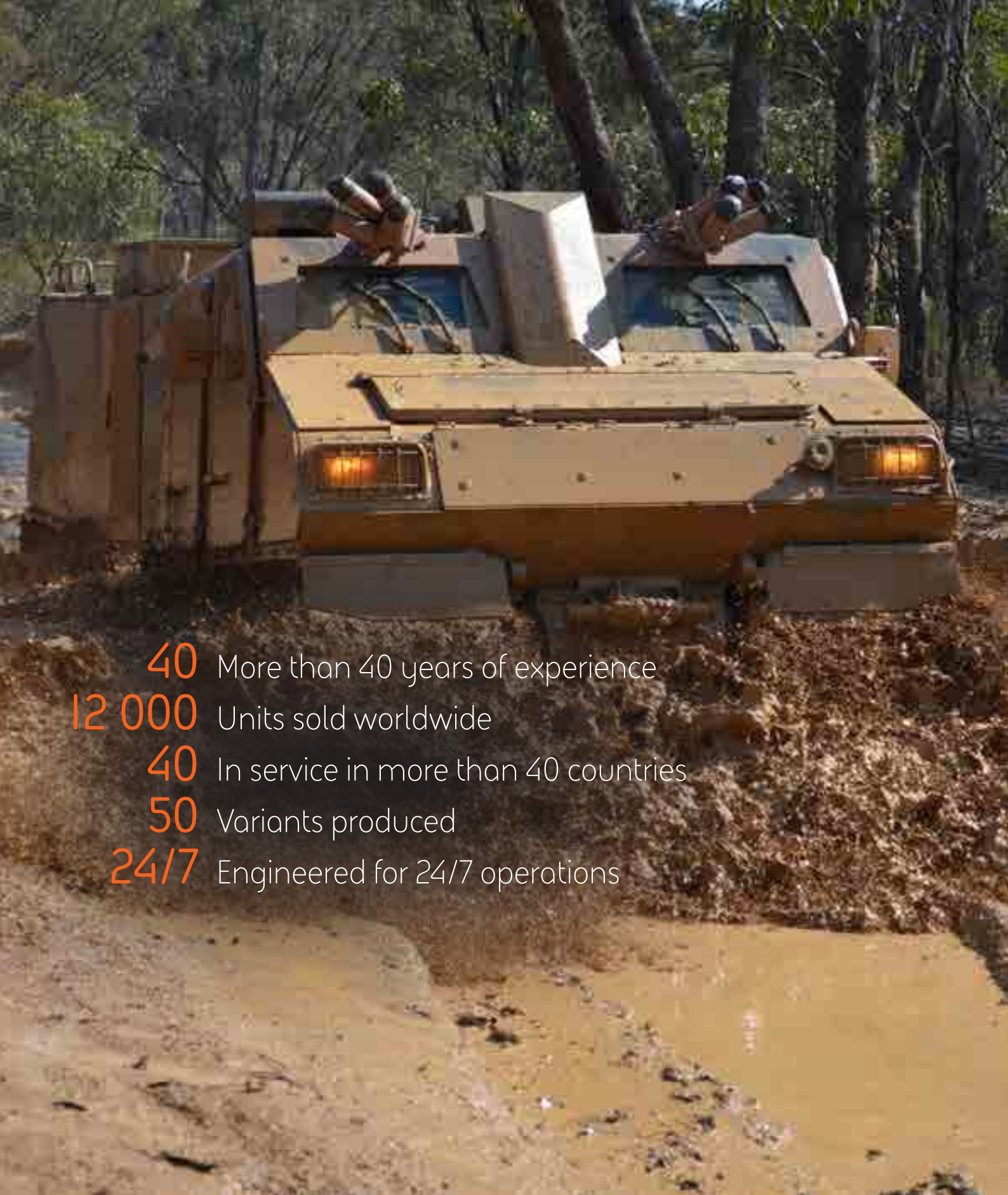
Industrial cooperation



BAE Systems is committed to building strong working partnerships that will continue long into the future. Through open communication, mutual cooperation and a commitment to high standards, we strive for success with all our partner companies. To support industrial progress and genuine economic growth, we have made industrial cooperation and customized partnerships a part of our business offering. BAE Systems Hägglunds has developed a creative and innovative approach towards industrial cooperation, including full range of needs; technology transfer, loan and investment support, marketing support to new markets and support to small-to-medium enterprise companies.

To date, BAE Systems Hägglunds' all-terrain vehicles have been delivered to around 40 countries all over the world. Acquisition offers significant opportunities to enhance local industry, job creation, and defence capability as well as generating domestic economical value.

Evidence of our engagement with local industries can be seen around the world and through or work with local companies that have delivered the best possible products for our customers.



- 40 More than 40 years of experience
- 12 000 Units sold worldwide
- 40 In service in more than 40 countries
- 50 Variants produced
- 24/7 Engineered for 24/7 operations

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