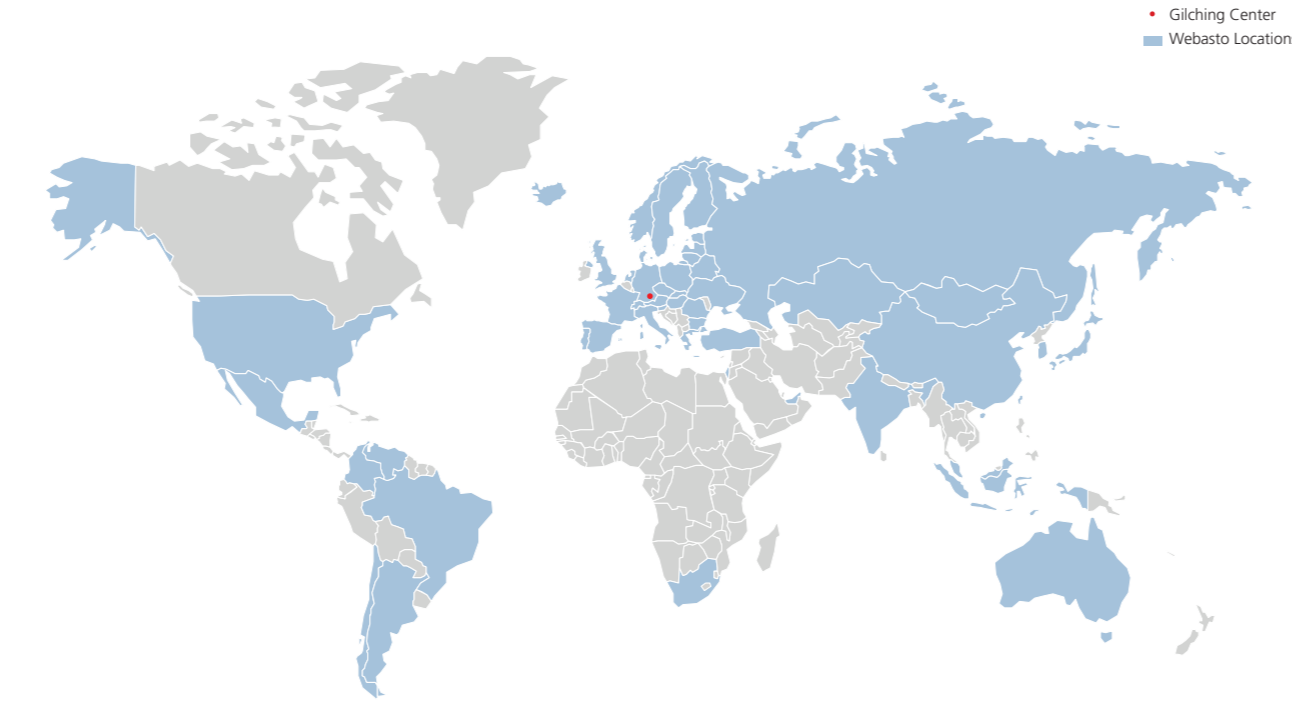
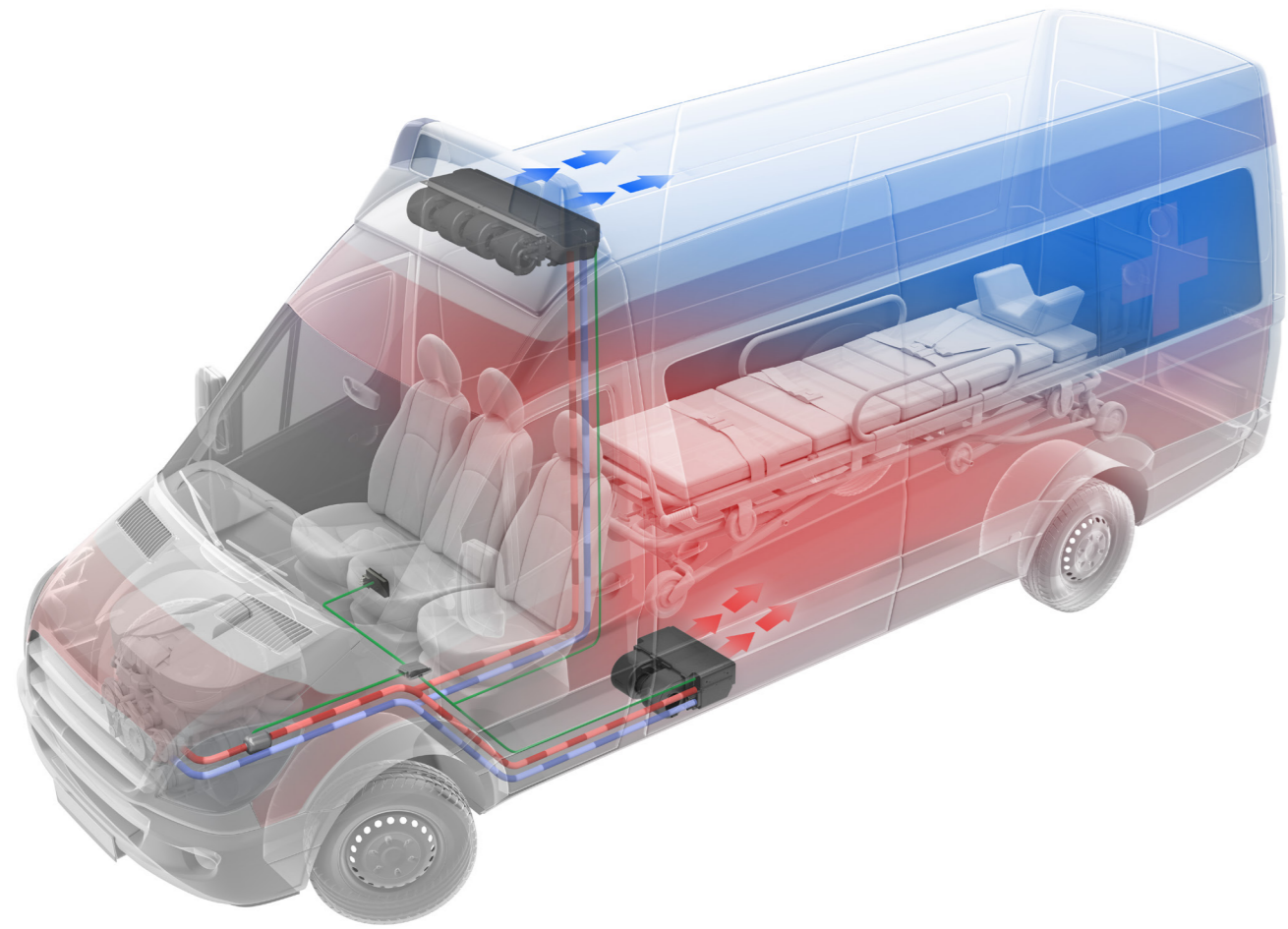


## Webasto is your reliable partner for custom heating and air-conditioning solutions.

Webasto heating and air-conditioning solutions create a pleasant work atmosphere. They keep your first responders and emergency service personnel fit and efficient. As a global market leader, we develop and produce two types of heating system for you: air and water heaters. The two systems produce a pleasant work atmosphere and optimized cabin temperatures, even in extreme outdoor temperatures. They also help to avoid engine idle times. We also offer you integrated air-conditioning systems for ambulances, special vehicles, and fire trucks so that your first responders and emergency service personnel stay efficient, even in hot climates.



The Webasto Group is an innovative global systems partner for nearly all automobile manufacturers and is one of the 100 largest suppliers in the industry. In its core business areas, the company develops and produces sunroofs, panorama roofs and convertible roofs, as well as thermal systems for all drive types. In addition, Webasto is expanding its electro-mobility product portfolio to include battery systems and charging solutions. The Webasto Group generated sales of EUR 3.5 billion in 2017 and has some 13,000 employees at over 50 locations (including over 30 production sites). The headquarters of the company founded in 1901 is located in Stockdorf near Munich, Germany. For more information, go to [www.webasto-group.com](http://www.webasto-group.com)

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## An integral part of every call: Comfort and safety

Efficient heating and air-conditioning solutions for special vehicles



## Everything from a single source: your custom air-conditioning package.



Whether you operate an emergency ambulance service, night patrols, or emergency calls with police dogs in mid-summer: We supply the right heating and air-conditioning solutions for a wide variety of applications. For more than 100 years.

### Keep a cool head with Webasto

When there's an emergency call, it means keeping a cool head and responding immediately. Our tailor-made air-conditioning solutions support you fast and simple. Guaranteed cool vehicle interiors!

### Greater safety and comfort

When every call requires maximum concentration. Studies have shown that we do our best concentrated work safely in pleasant room temperatures. And our heaters help out here. They supply fast continuous warmth and raise safety and comfort during a call.

### Your benefits:

- Comfort for driver and passengers – all year round
- Parking heaters promote safe, pleasant, efficient driving – right from the start
- Efficient cab air-conditioning – for every installation situation and application
- Brand quality – for every application

# Air and water heaters, air-conditioning, and more: Webasto – of course.

## Air Top air heaters: maximum performance at minimum consumption

	Air Top 2000 STC	
	Diesel	Gasoline
Heat output, control range (kW)	0.9 – 2.0	1.0 – 2.0
	Air Top Evo 40	
	Diesel	Gasoline
Heat output, control range (kW)	1.5 – 3.5/4.0*	1.5 – 3.5/4.0*
Heat output, control range (kW)	1.7 – 3.5/4.0*	1.7 – 3.5/4.0*
	Air Top Evo 55	
	Diesel	Gasoline
Heat output, control range (kW)	1.5 – 5.0/5.5**	1.5 – 5.0/5.5**
Heat output, control range (kW)	1.7 – 5.0/5.5**	1.7 – 5.0/5.5**

### Your benefits:

- Low procurement and installation costs
- Easily integrated in almost every cab
- Short warm-up times
- Reliable in any climate from -40°C to +40°C
- Low-noise recirculation or fresh air modes

\* Boost heat output (max. 6 hrs)  
\*\* Boost heat output (max. 30 min)

## Thermo Pro water heaters: provide comfort, protect the engine

	Thermo Pro 50 Eco
	Diesel
Heat output, control range (kW)	2.5 – 5.0
	Thermo Pro 90
	Diesel
Heat output, control range (kW)	1.8 – 7.6/9.1***

### Your benefits:

- Pre-heat engine and/or driver's cab
- Prolong engine service life by avoiding cold starts
- Immediate early-morning operational readiness thanks to a pre-heated vehicle
- Utilize engine heat to bridge short breaks with no exhaust emissions

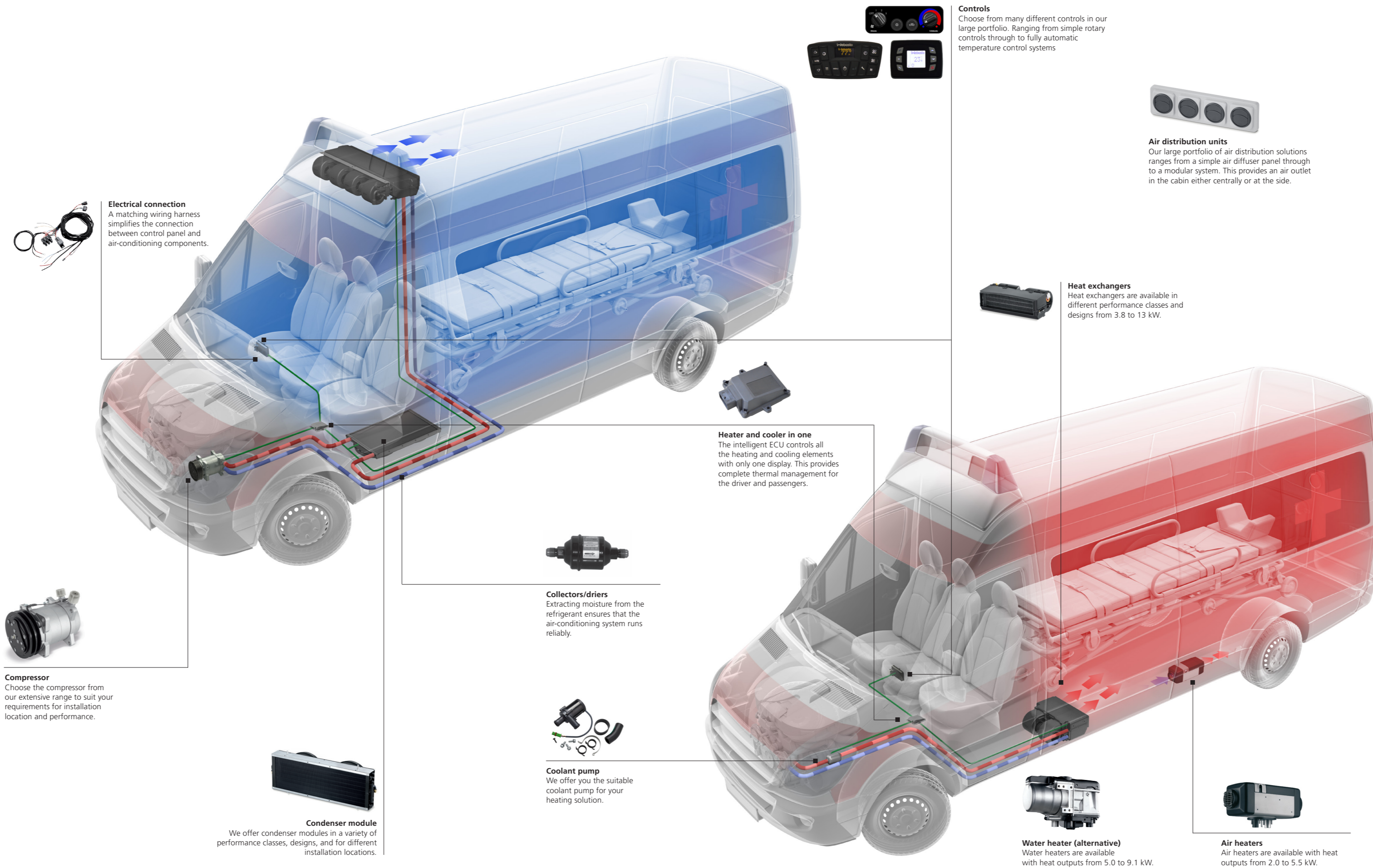
\*\*\* Boost heat output (max. 2 hrs)

## Air-conditioning systems from Webasto: Compact, versatile, powerful

	London
	Cooling output (kW)
weight (kg)	7.7
	Montreal
	Cooling output (kW)
weight (kg)	5.5
	Oakland
	Cooling output (kW)
weight (kg)	3.7

### Your benefits:

- Pleasant cab temperatures, even at high outdoor temperatures
- Optional heating function
- Flexible combination of parts for all applications
- Efficient design and lightweight construction
- Low maintenance and high reliability



**Controls**  
Choose from many different controls in our large portfolio. Ranging from simple rotary controls through to fully automatic temperature control systems

**Air distribution units**  
Our large portfolio of air distribution solutions ranges from a simple air diffuser panel through to a modular system. This provides an air outlet in the cabin either centrally or at the side.

**Heat exchangers**  
Heat exchangers are available in different performance classes and designs from 3.8 to 13 kW.

**Heater and cooler in one**  
The intelligent ECU controls all the heating and cooling elements with only one display. This provides complete thermal management for the driver and passengers.

**Collectors/driers**  
Extracting moisture from the refrigerant ensures that the air-conditioning system runs reliably.

**Compressor**  
Choose the compressor from our extensive range to suit your requirements for installation location and performance.

**Condenser module**  
We offer condenser modules in a variety of performance classes, designs, and for different installation locations.

**Coolant pump**  
We offer you the suitable coolant pump for your heating solution.

**Water heater (alternative)**  
Water heaters are available with heat outputs from 5.0 to 9.1 kW.

**Air heaters**  
Air heaters are available with heat outputs from 2.0 to 5.5 kW.

## Step by step to the right solution for you.



**Phase 1: Your requirements are defined**  
Together, we define your specific requirements and determine the best solution for you.



**Phase 3: Design**  
When a solution is found, we develop both the mechanical and thermodynamic design.



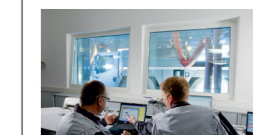
**Phase 5: Documentation**  
General, approval-related, or customer-specific documents are produced.



**Phase 7: In service**  
That's when things really get serious for the Webasto solution. We continue to provide you with our global service at the end of the project.



**Phase 2: Concept development and simulation**  
In this phase, we simulate the design of air ducts or temperature distribution inside of the vehicle, for example.



**Phase 4: Analyses and tests**  
From analyses of EMC tests and climate chambers through to vibration tests: We really put the system through its paces.



**Phase 6: Production/ installation**  
Our experts are there to support you during installation and first start-up.

### Small display, great effect: Heating and cooling management in one

The intelligent ECU controls all the heating and cooling elements with only one display. This provides complete thermal management for the driver and passengers. They integrate decades of Webasto experience in heating and cooling and combine know-how gained from these fields in a single electronic platform. The ECU fits in every vehicle. It's easy to operate and is adjusted to your specific needs. Our experts are constantly on standby in your vicinity with advice and assistance. They provide you with all round comfort on board.

Note: Not all products are available in every country.