



**Hornis®**

The ambulance of the future





## Dramatic encounter

To get to the scene of an accident as quickly as possible in everyday traffic, it is vital to be seen and recognised by other road users immediately. For minutes can often mean the difference between life and death. It's in critical situations like this that the Hornis® scores hands down. Its streamlined blue light unit, which is integrated into the roof, matches the ambulance's overall bold and striking appearance perfectly and its penetrating lights are clearly visible to other road users.



As well as having a compact and sporting appearance, the Hornis® is economical too, a factor that is of increasing importance nowadays. Its fuel consumption is about 0.8 litres per 100km less than that of an ambulance with a conventional blue lights assembly. Driving the Hornis® is even more pleasant since wind noise has been reduced by about 10dbA . What is more, noise levels for patient and crew have been greatly reduced because the siren unit has been relocated to the engine compartment.



## A strong team: the Hornis® Family



### Hornis® M

Ambulance based on based on VW T5 with a medium high roof fitted as standard



### Hornis® Basic

Ambulance based on a VW T5 with a flat roof



### Hornis Silver®

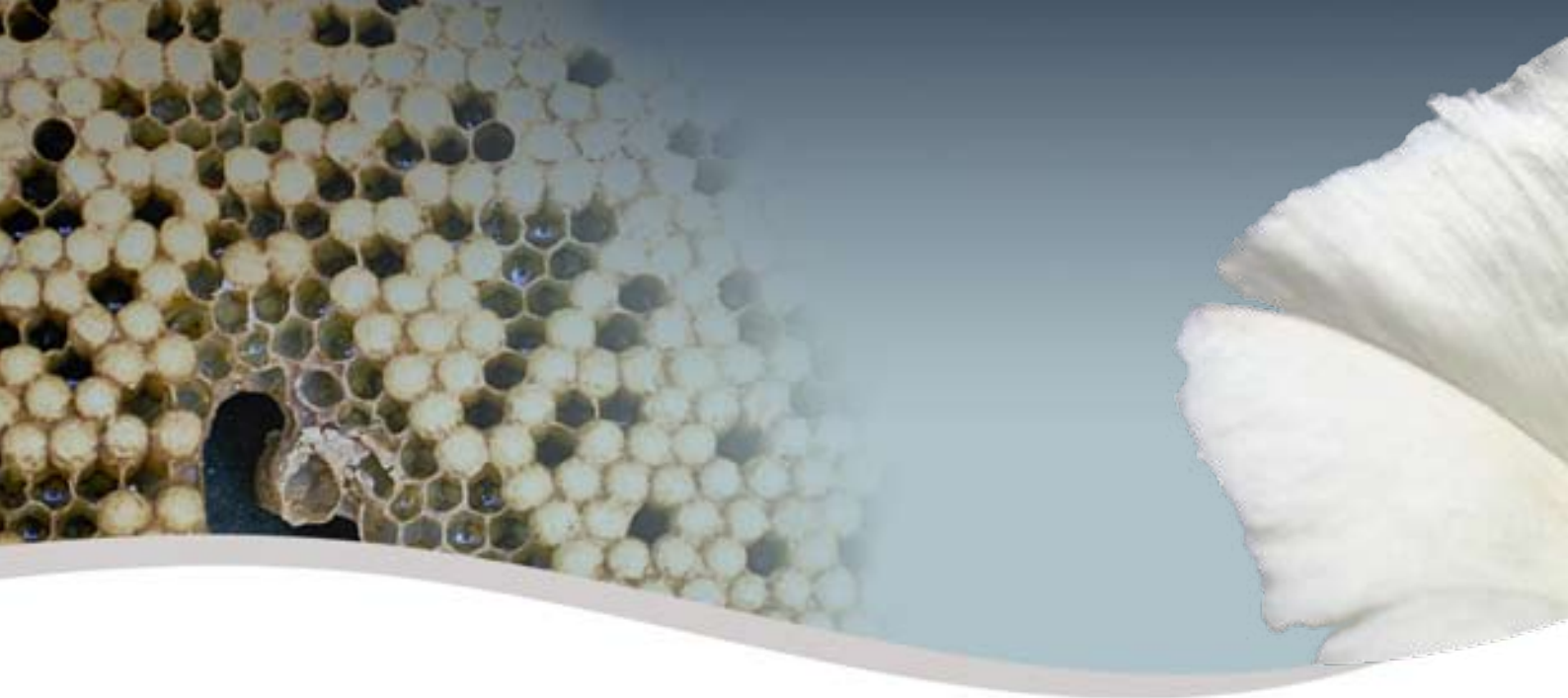
Ambulance based on a VW T5 with a flat roof



### Hornis highline®

Ambulance based on VW T5 with a high roof fitted as standard





## Robust partition

We have redesigned the partition between patients and driver to give them the space they both need and we have also adapted the partition to meet special needs. Its sandwich construction with deep-drawn panel units provides the highest levels of safety combined with minimum weight. The new partition also provides increased levels of comfort since the driver's and passenger's seat can be adjusted by an additional 50mm, ensuring plenty of legroom for the crew at the front of the ambulance. In addition, the electronic components are integrated in the partition on the driver's side, thus clearly separating the patient from the electrical equipment.



- 01 Partition from the driver's side with integrated electrical equipment
- 02 Partition from the driver's side with an extra large sliding window made of laminated glass
- 03 Partition from the passenger's compartment with carer's seat, storage compartment and safety scissors



- 04 The additional sliding door on the left provides plenty of storage space and is the ideal solution for an emergency Type B ambulance
- 05 The central console separates the driver from the passenger and is made of deep-drawn ABS plastic, like the panelling in the patient's compartment. It provides space for additional equipment, such as radio sets.



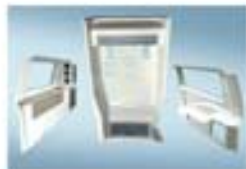
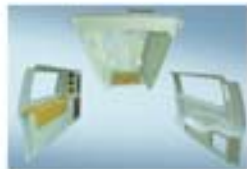
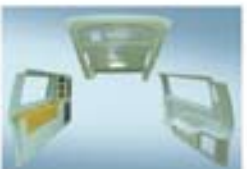
### Attractive colour schemes

Design your own workplace or a workplace for your colleagues. You have a choice of over 10 different colour schemes for the panelling and cupboards, three different colours for accessories and three different floor coverings.



### Check out the possibilities

You can choose from at least 20 different types of storage compartments on the left side wall and at least seven different storage compartments in the roof shell.



### Thoughtful and environmentally friendly interior design

The interior of the Hornis® is not just flexible and attractive. It is also environmentally friendly, thanks to its use of ecological materials (high-quality ABS plastic). The materials used for the inner panelling can be recycled, which is not possible with reinforced glass fibre. Moreover, the panels are very light and stable. As an added bonus, the rounded corners and edges are very easy to disinfect, minimising significantly the risk of injury to patients and crew.





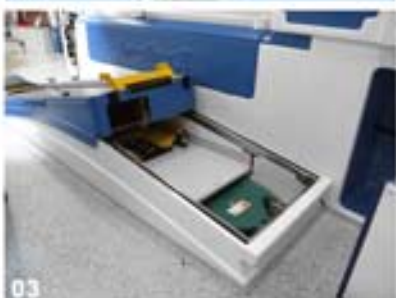
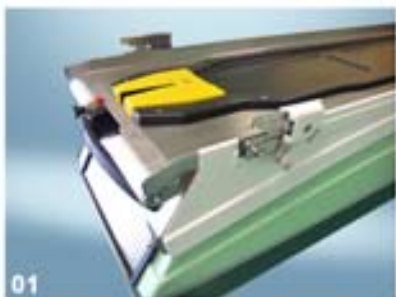
## In safe hands

To transport patients safely, you need a stretcher mounting you can trust. That's why we arranged for our in-house development "ST2005 light" to be dynamically tested.

The results:

Dynamic test with 20g forwards and backwards– test passed

Dynamic test with 10g in five directions– test passed



- 01 One of the outstanding features of the ST2005 light is its universal locking system which fits all current types of carrier stretchers and eliminates the need for any additional conversion. Installing the stretcher in the ambulance couldn't be easier thanks to the roll-in, roll-out ramp in trapezoid form with alignment roll.
- 02 The ABS full panelling is pleasing to the eye, but more importantly it helps reduce the risk of injury to a minimum.
- 03 The practical storage compartment under the stretcher mounting can be used for storing scoop stretchers and oxygen cylinders.
- 04 The quick release roll lock mechanism ensures speedy handling in an emergency.





## The heart of the electrical system

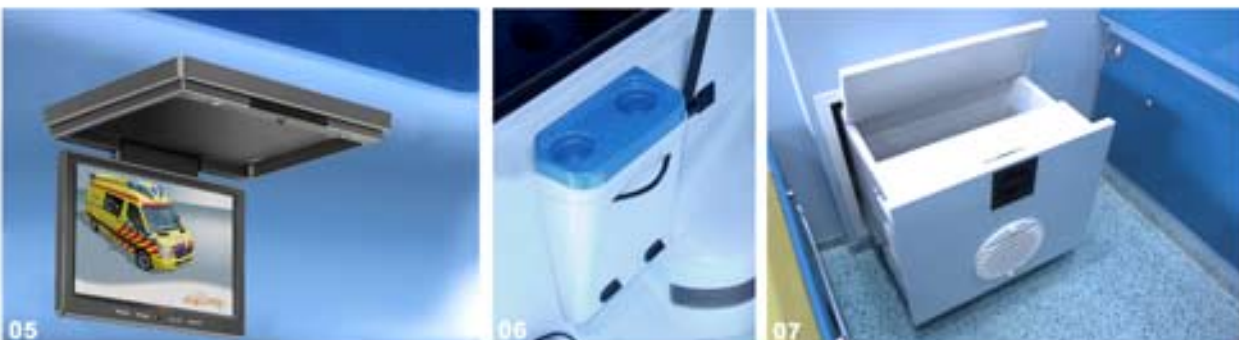
With the electrical system in particular we have left nothing to chance. Our in-house development, the Ambutronik system links and safeguards all the electronic components in the vehicle.

- 01 The Ambutronik with a warning buzzer that sounds when the batteries are low.



## Individual extras

- 02 Everything at a glance: the weather station displaying time, temperature and air pressure and much more.
- 03 The double hooks that can be positioned anywhere to keep everything neat and tidy.
- 04 Vase for holding flowers to promote a warm and friendly atmosphere in the ambulance



- 05 It goes without saying that a radio and DVD player have been fitted for entertainment en route
- 06 Handy waste container whose top can be used as an additional drinks holder
- 07 Stay cool. A refrigerated compartment can be fitted in the vehicle as an optional extra.



## The Hornis®

Errors and omissions excepted.  
Subject to changes due to technical  
improvements.  
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