

T

The future.
Today.



VANHOOL

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Van Hool T. **Introducing.**

For more than 75 years, Van Hool has chosen the way forward, striving for the optimal transport solution for our customers.

Since 1947, we have continuously reinvented our coaches to better meet the changing needs of drivers and passengers. With the new Van Hool **T** – 100% designed and developed in our Belgian knowledge centre and headquarters – Van Hool is now ready for the next step.

Driven by innovation, we created the **T** with a focus on aerodynamics, design, comfort and safety. And for you, your drivers and passengers, we have not compromised.

All members of our *#teamvanhool* – at our production sites in Koningshooikt (Belgium) and Skopje (North Macedonia) – are ready for this new era. The era of Van Hool **T**.

Filip Van Hool

Filip Van Hool
CEO Van Hool nv



1947

VAN HOOL'S FIRST COACH

1958

VAN HOOL FIAT 306

1979

VAN HOOL T8

1995

VAN HOOL T9

2011

VAN HOOL TX



Van Hool T.

Your travel and transport solution.





Van Hool by nature.
Quality by design.



Beauty is on the outside...

Visually, the **T** is immediately recognisable as a genuine Van Hool. The glass and body work are tightly separated by the familiar chrome curve on the rear flank. At the front and rear, the LED lighting is housed in a classy high-gloss black style element. Giving a flowing line pattern with dynamic chrome elements – subtly distributed throughout the coach – provides elegance and a premium appearance that is guaranteed to leave a strong impression on your passengers.





... and on the inside.

As passengers enter they experience a light and airy interior. The combination of subtle chrome details, matte-dark surfaces, a light canopy above the driver and indirect light creates a luxurious atmosphere in the Van Hool **T**. It also reduces unnecessary reflections and improves visibility to the outside.

Your driver gets an amazing ergonomic working environment with ample storage options, a digital dashboard that provides all the necessary information at a glance, and a comprehensive multimedia system at their fingertips: both touchscreen and physical keys not only facilitate your driver's work, but also make it pleasant and safe.

The new electronic architecture also ensures that your coach is ready for the latest applications today and tomorrow, as well as the GSR regulation on cyber security (UNR155).





The aerodynamic Van Hool T. **Streamlined for success.**

The sleek design of your Van Hool **T** not only looks elegant... it also makes economic sense (lower fuel consumption) and ecological sense (reduced CO₂ emissions).

All lighting is fully integrated into the body work. The curve of the windscreen and aerodynamic exterior mirrors (or the optional Mirror Cams) follow the airflow. A smooth wrap-around design at the front, sides and even below, the streamline fins and spoilers at the rear, thus ensure optimal laminar air conduction, preventing as much drag and turbulence as possible. As a result, your coach glides through the air efficiently, whilst keeping any driving wind noise to a minimum.





Even more comfort.

Breathe in, breathe out, and relax.



For the comfort of your passengers, we make no concessions. The luggage racks have been optimised by positioning them at an improved sideways angle and tilting them, giving passengers up to 1.5 times more storage space. This also allows passengers more space in which to move when standing up. For total convenience, the optional rack doors open inwards.



Using new techniques and materials, the seats have been made lighter, without sacrificing durability or safety. They also come with a range of options, such as the 'cradle' function, whereby the seat cushion moves as the backrest is tilted. As a result, your passengers really can travel in absolute comfort.



A well-considered ergonomic design ensures that the standing height in the **T** is among the best in the industry.



Passengers enter your coach in comfort and safety through extra-wide entrance steps. A suspended guide seat creates even more space at the front. Large accessible handles offer safe entry and exit.



The personal control panel for your passengers has also been given an updated stylish and ergonomic design. A new air-conditioning system cools and heats faster and more efficiently. At the same time, it uses less energy and is quieter by as many as 10 decibels. In addition, all air-conditioning systems in the **T** range feature anti-viral circulation.

Your driver can also enjoy optimal climate comfort thanks to a separate climate control system with optimized distribution of warm air between the windscreen and driver's position.



X200 and X300.

Experience the world from the comfort of your seat.

The new **X200** and **X300** seat models are lighter without sacrificing safety or durability. They feature new functionality, such as reclining mode, and are visually in harmony with the entire interior of the **T**.

The **X200** is upholstered in stylish textiles, but leather elements are also available. Thanks to the *detail stitching*, the seat exudes class.

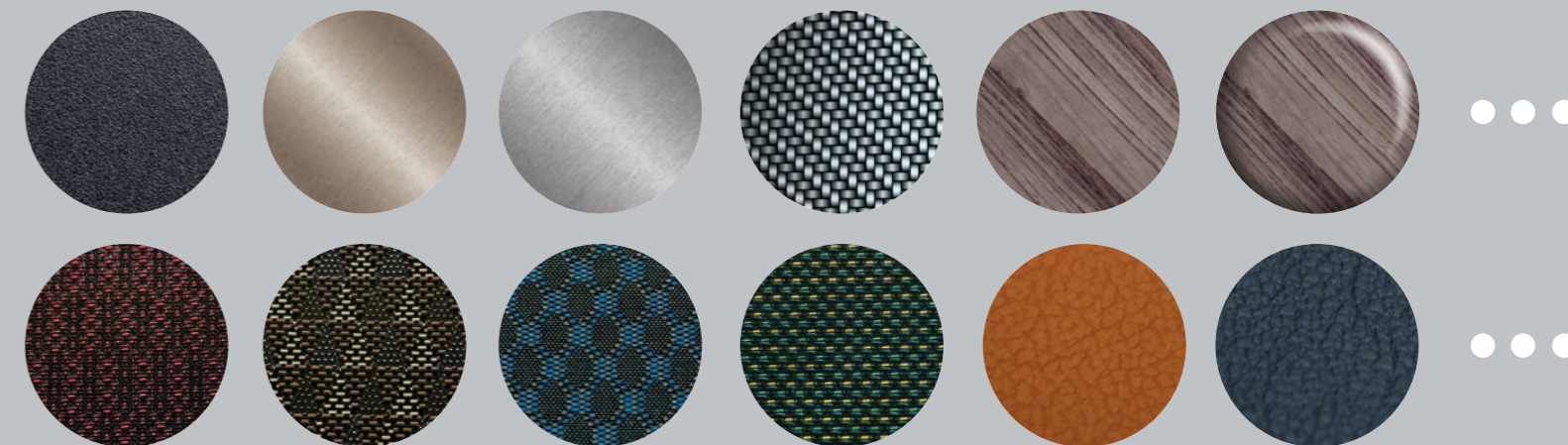


The **X300** is upholstered in a textile-leather combination as standard and features an adjustable headrest. The seat can also be finished from head to toe in leather. This feeling of luxury and comfort can be enhanced by *detail* or *diamond stitching*, a footrest, side flaps and reclining position.



No more decision stress.

Do you opt for bright and energetic, urban trendy or naturally zen? Our designers have already selected ideal combinations of colours, fabrics and materials. The extensive range is certainly not limited to what you see here.



Next-level comfort.

Various options are available, including luxurious details in the upholstery of your seats. The adjustable three-point seat belt offers your passengers safety. Ergonomic elements such as the reclining position – where the seat moves with you when the backrest is tilted backwards – and an adjustable leg rest and headrest ensure exquisite comfort for your passengers.

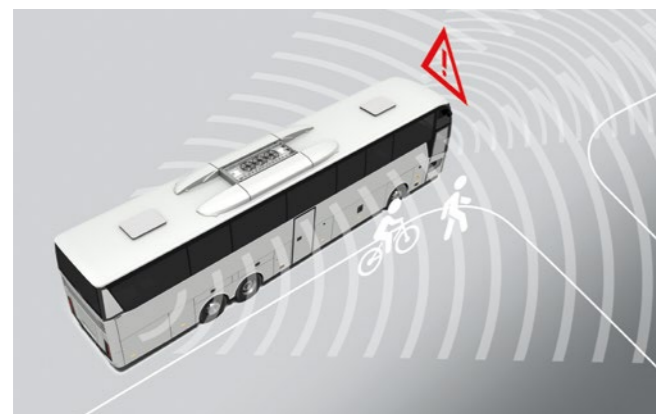




Innovative safety measures in your Van Hool T.

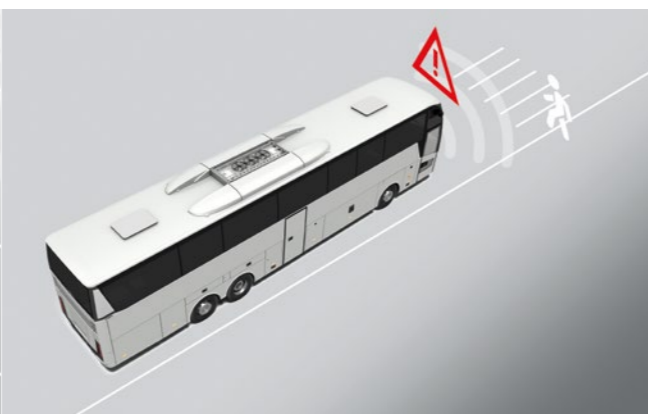
Safety first.

We have confidently opted for the **Shield•** system from renowned brand **Mobileye** to watch over the safety of your passengers and other road users.



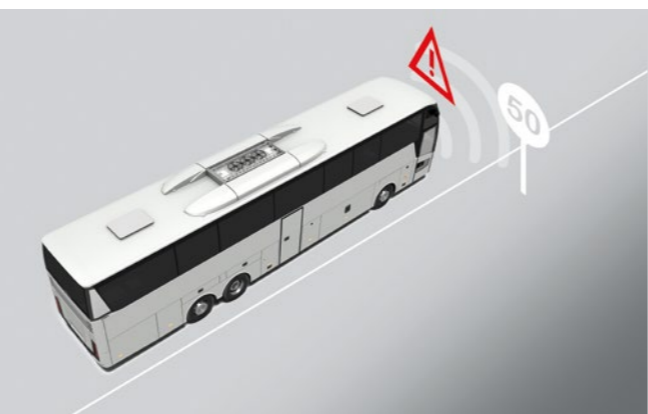
Turning Assist

Detects the presence of vulnerable road users next to the vehicle and warns the driver if they intend to turn.



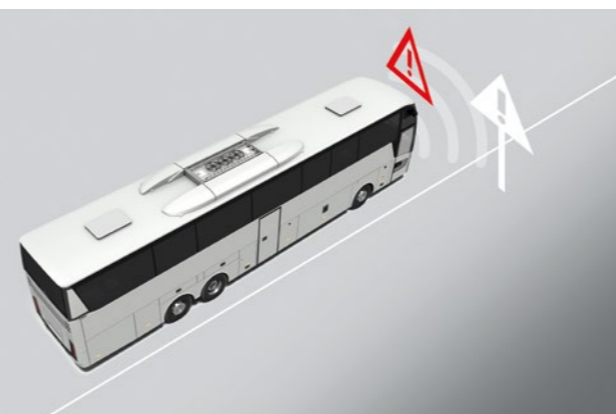
PCW, Pedestrian Collision Warning

Detects people moving in front of the coach and alerts the driver of an impending collision.



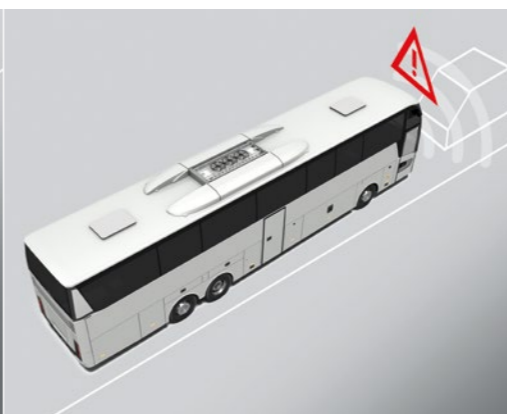
SLI, Speed Limitation Indication

Recognises speed limit signs and reports them on the dashboard.



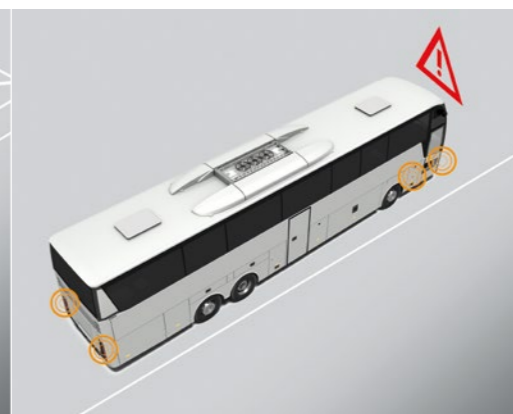
Traffic Sign Recognition

Recognises traffic signs and reports them on the dashboard.



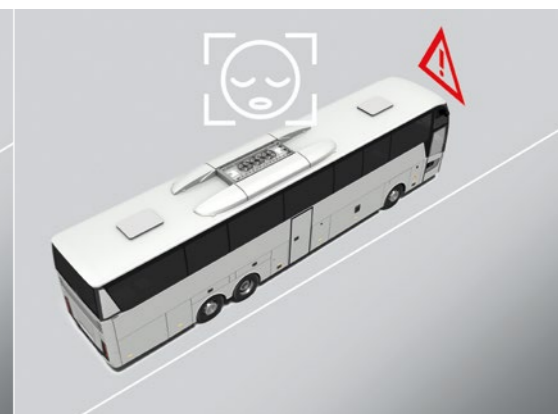
HMW, Highway Monitoring Warning

Alerts the driver when the distance to the vehicle ahead becomes too short.



Turn Signal Reminder

Reminds the driver of an indicator that has been left on for too long.



DDI, Driver Drowsiness Indication

Monitors the condition of the driver. If they start to become drowsy, the DDI detects this from the steering behaviour and alerts the driver in time by means of an audible and visual alarm.



Your Van Hool T will be noticed **while you will notice everything.**

Why Mirror Cams?

- ✓ Mirror Cams replace classic mirror arms. This helps to facilitate manoeuvring and parking, and can reduce the risk of damage. The absence of mirrors on arms also reduces fuel consumption, emissions and wind noise when driving.
- ✓ The cameras are insensitive to glare from rear traffic or low sun.
- ✓ Visibility remains unimpeded in heavy rain, frost or snow thanks to water-repellent and heated lenses, and the system also offers greater visibility in the dark.
- ✓ Mirror Cams offer you a wider view than conventional mirrors, and display reference lines on the cockpit monitors for safe overtaking and manoeuvring. Additional cameras can be added to capture the entry door or the front of the vehicle. This improves the safety of your passengers and other road users, and assists your driver.

Standard with Mirror Cams

- camera Class II
- camera Class IV

Optional with Mirror Cams

- camera Class V
- camera Class VI



Stainless steel. **Enjoy your Van Hool T for even longer.**

Why stainless steel?

- ✓ Stainless steel is durable, 100% recyclable and corrosion resistant. Using stainless steel in your **T** will give your coach a longer life, require less maintenance and reduce energy consumption and emissions thanks to optimised weight distribution.
- ✓ The corrosion resistance of stainless steel is thanks to a thin, self-healing oxide layer that reduces corrosion, even when damaged. This ensures an extended operational life of your vehicle.
- ✓ In terms of *Total Lifecycle Cost*, the use of stainless steel delivers considerable savings thanks to lower coating, maintenance and replacement costs. Other factors – such as a potentially higher trade-in value, longer life and lower CO2 emissions – can only increase these savings.
- ✓ The high strength of stainless steel ensures excellent impact resistance and energy absorption in the event of an accident.





Optimisation of air-conditioning.

Warm up – or cool down – in your Van Hool T even faster.

Hispacold's air-conditioning system provides better cooling and heating while consuming even less energy and producing less noise than ever before.

In addition, air-conditioning throughout the **T** range is equipped with the *Eco3 Air Purifier™*, which ensures clean, virus-free air.

The *Hispacold Breeze™* for your **T Alicron** and **T Acron** has as many as 8 fans for faster cooling and heating. The system consumes less energy and is quieter than ever before.



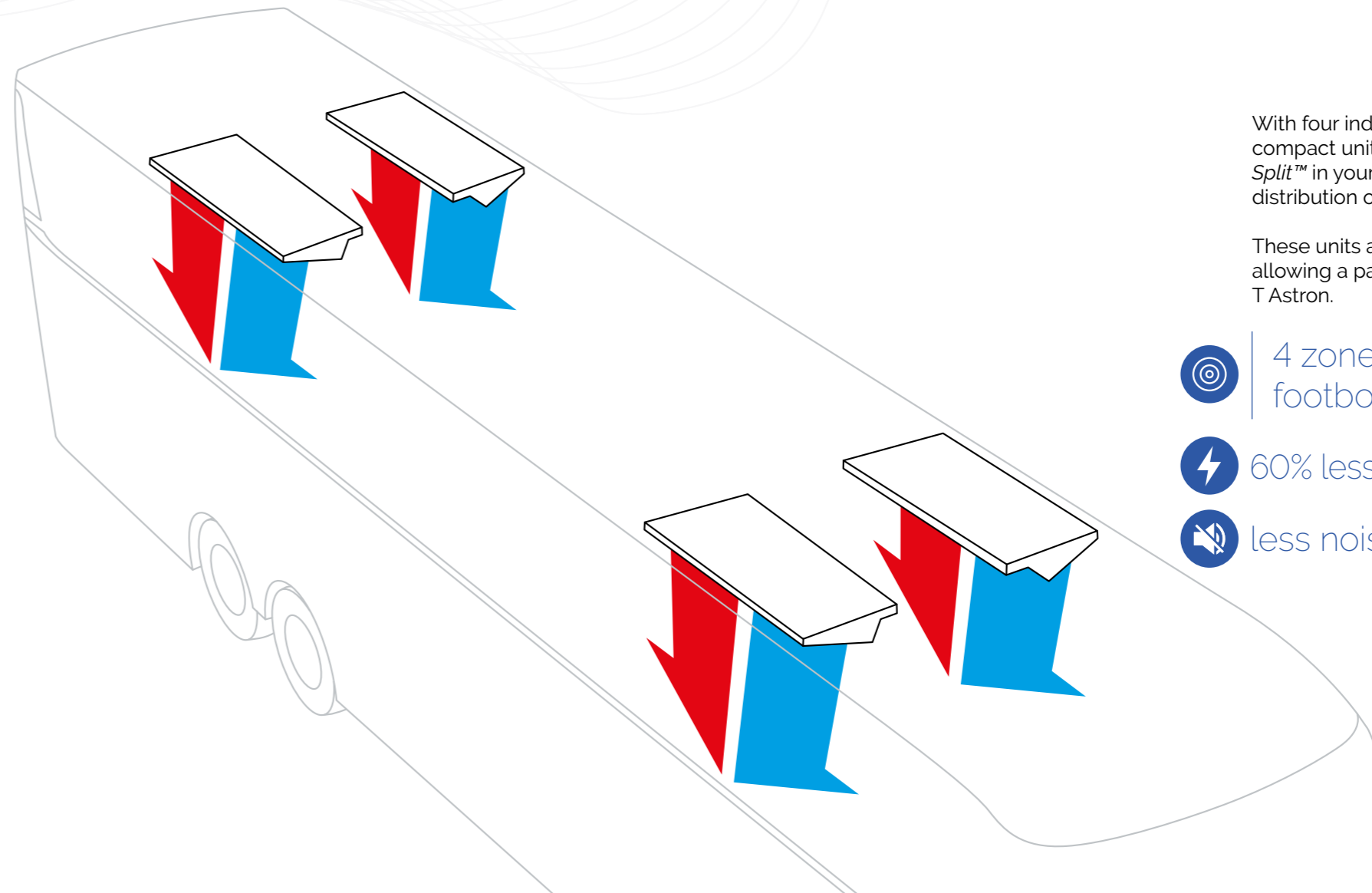
8 fans (44 kW)
footboard heating



50% less consumption (39 amp.)



less noise (-6 dB)



With four individual but centrally controlled compact units, the drop-in *Hispacold Multi-Split™* in your **T Astron** ensures the most efficient distribution of warm and cool air.

These units are also recessed into the roof, allowing a panoramic roof to be installed in your T Astron.



4 zones heating/cooling
footboard heating



60% less consumption (20 amp.)



less noise (-10 dB)



Van Hool T range.

Familiar names. Fresh, new faces.



T15 Alicron



T16 Alicron



T11 Aeron



T15 Aeron

Length	12 540 mm	13 320 mm	10 760 mm	12 540 mm
Height	3 675 mm	3 675 mm	3 805 mm	3 805 mm
Width	2 550 mm	2 550 mm	2 550 mm	2 550 mm
Number of seats	55 + 1 + 1	59 + 1 + 1	47 + 1 + 1	55 + 1 + 1
Max. luggage hold space	6.71 m ³	7.89 m ³	6.13 m ³	7.7 m ³
Wheelbase	6 130 mm	6 910 mm	5 040 mm	6 130 mm
Front overhang	2 950 mm	2 950 mm	2 260 mm	2 950 mm
Rear overhang	3 460 mm	3 460 mm	3 460 mm	3 460 mm
Engine	DAF Euro 6 NG	DAF Euro 6 NG	DAF Euro 6 NG	DAF Euro 6 NG
Type	MX 11	MX 11	MX 11	MX 11
Engine capacity	10 800 cm ³	10 800 cm ³	10 800 cm ³	10 800 cm ³
Number of cylinders	6	6	6	6
Power/torque	300 kW/2 100 Nm	300 kW/2 100 Nm	300 kW/2 100 Nm	300 kW/2 100 Nm
Power/torque (optional)	330 kW/2 300 Nm	330 kW/2 300 Nm	-	330 kW/2 300 Nm
Gearbox	ZF Traxon	ZF Traxon	ZF Traxon	ZF Traxon
Gearbox (optional)	ZF Ecolife/Allison T450R	ZF Ecolife/Allison T450R	ZF Ecolife/Allison T450R	ZF Ecolife/Allison T450R



T16 Aeron



T17 Aeron



T16 Astron



T17 Astron

Length	13 445 mm	14 280 mm	13 440 mm	14 280 mm
Height	3 805 mm	3 805 mm	3 795 mm	3 795 mm
Width	2 550 mm	2 550 mm	2 550 mm	2 550 mm
Number of seats	59 + 1 + 1	65 + 1 + 1	57 + 1 + 1	67 + 1 + 1
Max. luggage hold space	10.94 m ³	12.35 m ³	13.52 m ³	15.56 m ³
Wheelbase	6 160/1 300 mm	6 700/1 300 mm	6 160/1 300 mm	6 700/1 300 mm
Front overhang	2 950 mm	2 950 mm	2 950 mm	2 950 mm
Rear overhang	3 035 mm	3 330 mm	3 030 mm	3 330 mm
Engine	DAF Euro 6 NG	DAF Euro 6 NG	DAF Euro 6 NG	DAF Euro 6 NG
Type	MX 13	MX 13	MX 13	MX 13
Engine capacity	12 900 cm ³	12 900 cm ³	12 900 cm ³	12 900 cm ³
Number of cylinders	6	6	6	6
Power/torque	355 kW/2 500 Nm	355 kW/2 500 Nm	355 kW/2 500 Nm	355 kW/2 500 Nm
Power/torque (optional)	-	-	390 kW/2 600 Nm	390 kW/2 600 Nm
Gearbox	ZF Traxon	ZF Traxon	ZF Traxon	ZF Traxon
Gearbox (optional)	Allison T525R	Allison T525R	Allison T525R	Allison T525R

✓ All models are equipped as standard with EBS/ESC • Speed limiter • Cruise control • FSD • ACC • AEBS • LDW



VAN HOOOL LEADING THE WAY.

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