

HD



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EXPERIENCE ROBUSTNESS AND COMFORT



The HD is built to last and will never let you down on long-distance journeys. Its robust and long-lasting design is unlike anything you've ever experienced. The HD is ready and waiting to take your business to the next level.



LUXURIOUS JOURNEY IN EVERY ASPECT

What makes long-distance journeys enjoyable? Comfort? Luxury? A more spacious interior? The HD offers all of this and more. Its spacious interior, extended legroom and customizable seating layout transforms your journeys into a unique experience.

With its comfortable seats and powerful air conditioning, the HD makes every journey a joy while also ensuring driver comfort thanks to its user-friendly features.

WHERE AESTHETICS AND POWER MEET DYNAMISM

The HD features special uninterrupted chrome lines that highlight the vehicle's spacious interior in a contemporary and aesthetic way.

The chrome contrasts beautifully with the darkened wide windows to elevate each

passenger's space. Aesthetically designed headlights combined with rear wings highlight the HD's dynamic and powerful looks.





THE COCKPIT: OFFERING AN UNRIVALLED DRIVING EXPERIENCE

Enter the cockpit – the place where all great journeys begin. With its ergonomic features and components, the HD is designed to offer a comfortable and easy driving experience.

The driver's seat is adjustable for comfort and functionality, and features armrests, back support and a weight-sensitive pneumatic suspension system. The seat can easily be moved forwards, backwards, up and down to achieve the optimal driving position.

The HD offers a driving experience unlike no other. In addition to advanced braking systems, it also features ACC (Adaptive Cruise Control), which automatically adjusts the vehicle speed and maintains a safe tracking distance, enhancing both safety and the driving experience.



ENJOY OUTSTANDING COMFORT

The HD has a customizable seating layout and comes with 2+2 and 2+1 seating configurations.

The comfortable, wide and supported seats are available in textile, leather or a combination of both materials depending on your preferences, to help maximize your travel experience.

The ergonomic and wide parcel racks are easily accessible by all passengers and come in two variations, with either lids or plastic stripes.

Just tell us what you want and the HD team will do the rest for you.



MAXIMUM EFFICIENCY, MAXIMUM PERFORMANCE

The emission values of its E6 DAF engine are Euro 6-compliant. The engine is environmentally friendly while providing low fuel consumption. The 10.8-litre engine produces 2,100 Nm @ 900-1,125 rpm and delivers 300 kW (408 hp) of power for a maximized driving experience. Or for an even higher performance and enhanced driving experience, there is the option of a 330 kW (449 hp) engine with a 10.8-litre cylinder volume and 2,300 Nm of torque at 900-1,125 rpm.

This six-cylinder engine is remarkably efficient. Thanks to its ultra-modern and diligently tested technology, the engine meets Euro 6 emission requirements, and provides outstanding fuel efficiency. It also offers high traction levels at low engine rev figures and at a wide range of speeds.

The emphasis is on better fuel efficiency and a pleasurable driving experience.



THE HD INCORPORATES ADVANCED SAFETY SYSTEMS

THE MOST COMFORTABLE JOURNEYS
BEGIN WITH A SAFE DRIVING
EXPERIENCE. THE HD INCORPORATES
A NUMBER OF SAFETY SYSTEMS TO
PROVIDE THE HIGHEST LEVEL OF
SUPPORT.

THE ANTI-LOCK BRAKING SYSTEM (ABS)

The Anti-Lock Braking System (ABS) enables the driver to hit the brakes suddenly without losing control. It prevents the brakes from locking and reduces the stopping distance. By doing so, it improves handling and enables a safer driving experience even when sudden emergency braking is needed.

ANTI-SLIP REGULATION (ASR)

Anti-Slip Regulation (ASR) is developed to prevent loss of traction on the wheels. The ASR system helps the driver to prevent skidding, thereby allowing the coach to start moving even in difficult driving conditions. It also enhances driving safety on slippery surfaces, and prevents excessive wear of the tyres.

THE ELECTRONIC BRAKING SYSTEM (EBS)

The Electronic Braking System (EBS) provides an optimized level of control when braking. It is integrated into an electronic system combining the brake controls, ABS and ASR to produce superior results over shorter braking distances and lower levels of disc wear.

THE ELECTRONIC STABILITY SYSTEM (ESP)

The Electronic Stability System (ESP) helps to protect your coach in challenging road conditions. It manages the engine's operating system, and provides a different level of traction on each wheel. Combined with different braking power for individual wheels, this provides the optimum level of traction with the road and prevents loss of control in the event of sudden steering interventions and sharp cornering.

THE ADVANCED EMERGENCY BRAKING SYSTEM (AEBS)

The Advanced Emergency Braking System (AEBS) offers automatic braking capability in the event of danger. It automatically intervenes in response to sudden developments which pose a risk of a crash, and helps prevent or reduce the impact of potential crashes.

THE LANE DEPARTURE WARNING SYSTEM (LDWS)

The Lane Departure Warning System (LDWS) warns the driver with an audible and vibrating alert when the coach moves out of its lane. This system helps drivers to stay in lane and alerts them if the coach veers dangerously.





HD 12

DIMENSIONS AND WEIGHTS

Length	12.276 mm
Width	2.550 mm
Height (incl. air conditioner)	3.644 mm
Floor-To-Ceiling Height	2.000 mm
Wheelbase	6.100 mm
Front Overhang	2.766 mm
Rear Overhang	3.410 mm
Turning Diameter	21.600 mm
Approach Angle	8°
Seating Capacity	55+1+1
Gross Vehicle Weight	18.000 - 19.000 kg
Total Luggage Volume	9m³

ENGINE

Model 1	E6 DAF MX11-330 kW
Type 1	Diesel, 4-Stroke Engine, Water Cooled, Direct Injection
Maximum Power 1	330 kW/449 HP @1600 rpm
Maximum Torque 1	2300 Nm @900-1125 rpm
Model 2	E6 DAF MX11-300 kW
Type 2	Diesel, 4-Stroke Engine, Water Cooled, Direct Injection
Maximum Power 2	300 kW/408 hp @1600 rpm
Maximum Torque 2	2100 Nm @900-1125 rpm
Number of Cylinders and Layout	6 Cylinder in-line engine
Bore/Stroke	123 x 152 mm
Volume	10.800 cc

TRANSMISSION

Model (Standard)	ZF
Type	Manual
Number of Gears	6 + 1
Model (Optional 1)	ZF Traxon
Type	Automatic
Number of Gears	12 + 1
Model (Optional 2)	ZF Ecolife
Type	Automatic
Number of Gears	6 + 1

AXLES

Front Axle Type	Independent
Front Axle Capacity	7.500 kg
Rear Axle Type	Rigid
Rear Axle Capacity	11.500 kg
Differential Ratio	2.71

RIMS & TIRES

Rim	22.5 x 9
Tire	295/80 R22.5 Radial, Tubeless

FUEL & UREA TANK

Fuel Capacity	540 L
Urea Tank Capacity	50 L

ELECTRICAL SYSTEM

System Voltage	24 V
Battery	2 x 12V 225Ah

STEERING WHEEL

Hydraulic Steering	Standard
Steering Wheel Tilt and Telescopic	Standard

BRAKES

Service Brake	Standard
Parking Brake	Standard
Engine Brake	Standard
Exhaust Valve Break	Standard
ABS (Anti-Lock Braking System)	Standard
ASR (Anti-Slip Regulation)	Standard
EBS (Electronic Braking System)	Standard
AEBS (Advanced Emergency Braking System)	Standard

INTERIOR

Parcel Rack	Standard
Multimedia System	Standard
Curtain	Standard
Assistant Seat	Standard
Reclining Passenger Seats	Standard
Service Tray for Passenger Seats	Standard
Seat Pocket Fabric Plane Type	Optional
USB Charger	Optional
Kitchen Unit	Optional
WC	Optional
Sleeping Compartment	Optional

EXTERIOR AND BODY

Body Lifting	Standard
Body Kneeling	Standard
Rim Cover	Standard
Opaque White Exterior Colour	Standard
Metallic Exterior Colour	Optional
Opaque Exterior Colour	Optional
Skibox	Optional

DRIVER'S AREA

Electrical Controlled Double Glazed Driver Window	Standard
Alcoholmeter	Optional
Front Microphone	Standard
Sunvisor	Standard
Electrical Sunvisor	Standard
3 Point Safety Belt for Driver Seat	Standard
Right Armrest for Driver Seat	Optional
Left Armrest for Driver Seat	Optional
Heater for Driver Seat	Optional
Interior Mirror for Driver	Standard

SECURITY

ESP (Electronic Stability Programme)	Standard
LDWS (Lane Departure Warning System)	Standard
ACC (Adaptive Cruise Control)	Standard
Safety Hammers	Standard
Fire Warning System for Engine Room	Standard
Low Voltage Warning	Standard
Circuit Separator on Battery	Standard
Fire Extinguisher	Standard
Engine Room Lid Open Warning	Standard
2. Door Passenger Step Sensor	Optional
Tire Pressure Display	Optional

WINDOWS AND CLIMATIZATION

Double Glazed Windows	Standard
Air Conditioner	Standard
Defroster	Optional
Convector	Standard
Preheater	Standard
Timer For Preheater	Standard

ELECTRONIC EQUIPMENTS

Monitor	Standard
Reverse Gear Buzzer	Standard
Rear Parking Sensor	Optional
Rear View Camera	Optional
Heated Windshield	Optional
Bottle Cooler in Dashboard	Standard
Destination Plates	Optional
SchoolBus Sign	Optional
Tachograph	Standard

OTHER EQUIPMENTS

Spare Tire	Standard
First Aid Kit	Standard
Fog Lights	Standard
Xenon Headlight	Optional
Halogen Headlight	Standard
Electrical Horn	Standard
Air Horn	Optional
Day Running Light DRL (LED)	Standard
Ticket Machine Preparation	Optional
Rear Trailer Hook	Optional
Handicapped Lift/Ramp	Optional

HD 13

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