



TEMESA
Smart Mobility



THE NEW MD9 & THE NEW HD12



FOLLOW A NEW PATH

THE FUTURE OF TRANSPORTATION IS IN OUR HANDS

“Throughout our journey since 1968, we have always depended on our ‘raison d’être,’ moving forward with an innovative and enterprising spirit.”

With more than 50 years of experience we always strive for continuous development, bringing innovation and new understanding to transportation. Today, at our 555,000 m² state-of-the-art manufacturing facility we produce more than 10,000 buses and light-duty trucks. These vehicles are sold in 66 countries around the world, each one representing our heritage of excellence and innovation.

Armed with our ‘Smart Mobility’ vision, we are proud to lead the way in modernising mass transport operations around the globe. Each year we invest around 5% of our turnover into R&D, designing next-gen mobility solutions for tomorrow. This drive for innovation has produced industry-leading vehicles across all market segments. With our ‘Smart Mobility’ vision we continue to move with pace and purpose towards a better future.

**WE DERIVE OUR
STRENGTH FROM
TECHNOLOGY**



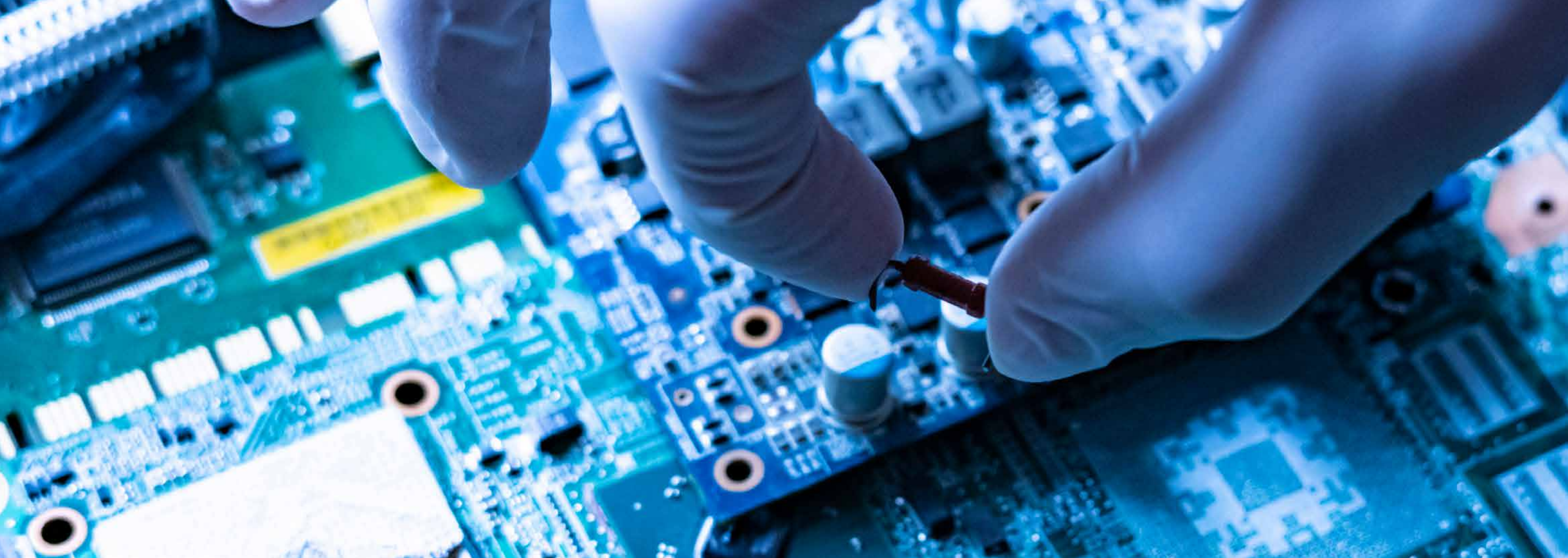
TEMSA'S BUSINESS PERSPECTIVE: TEMSA TECH

“We are determined to develop smart and sustainable mobility solutions in line with the future trends in order to offer pleasant journeys to passengers.”

The importance we place on R&D allows us to offer high-tech products that meet our customers' wide variety of requirements. Our aim is to be more than just a transportation business - we want to be technology pioneers.

Our guiding vision is to never stand still, to always seek more; never giving up production, improvement, development and innovation, while also being conscious and sensitive to the environment and humanity.

Those that never cease in their drive for improvement are those that pave the way to the future.



THE NEW MD9



MD9 READY FOR DUTY

Meet your new favourite coach - the MD9 will never let you down and meet all of your requirements. Thanks to its reliable and robust structure along with a classy and comfortable

interior design, the MD9 offers drivers and passengers a unique experience. And with its superior safety features and fuel saving performance, the MD9 ticks all the boxes.





TRAVELLING INTO A NEW DIMENSION

Travel towards a profitable destination with its resilient structure, superior comfort, high performance and low fuel consumption.

The MD9 provides maximum road holding in all weather conditions and combines comfort and reliability with

advanced safety systems. Its spacious interiors, powerful air conditioning system and adjustable seats with wide leg space make long journeys a joy for passengers.



AESTHETIC JOINS FORCES WITH POWER

Designed for aesthetic perfection, the MD9's eye-catching design reflects its dynamic and robust structure. The bright, steel wheels and xenon headlights add to its modern, stylish profile.

The MD9 has electrically-controlled heated exterior mirrors and standard double side windows which, as well as being safer, are mist-proof and provide greater climate and sound insulation for passengers.



Regenerated aesthetic and robust design



Spacious luggage compartment



Eye catching wheels



Characteristic headlights



DESIGNED WITH DRIVERS IN MIND

We know the small details matter and that's why we consider every aspect of the driving experience. The cockpit area is designed with safety and comfort in mind for drivers on long and challenging journeys. The seat features a support that is designed to prevent extra load on the back of the driver as well as two armrests

on the left and right. Other features that enhance the driving experience include automatic transmission, electric sun visor, electrically-operated driver window and powerful air conditioning system.

The microphone on the dashboard allows the driver to communicate

with passengers, easily, clearly and safely.

MD9 is designed for safety with features including cruise control, tachograph and advanced braking systems ensuring a peaceful journey for drivers and passengers.



3-point seat belt for the driver



Ergonomic cockpit



Display panel and adjustable hydraulic steering wheel



Electric sun visor



User-friendly keys

OUTSTANDING COMFORT, FIRST CLASS STANDARDS

In our MD9 all you have to do is choose which optional features you would like.

Depending on your requirements, the MD9 can cater for a variety of seat capacities including 39+1+1 or 34+1+1+WC.

Whichever specification you choose the MD9 has three-point seatbelts with reclining seats that can be

widened sideways. USB chargers also allow for enjoyable long journeys for passengers. With MD9 all your needs are met with a touch of excellence.

On MD9 the comfort of your passengers is guaranteed. The ergonomic luggage rack is designed to be easily accessible and the multiset provides a personal space for passengers while the air conditioning system also ensures an enjoyable and

pleasant environment. The cooler is placed on the dashboard as well as a handlebar near the door to assist passengers boarding the coach.

All you have to do is ask - the MD9 will do the rest for you.



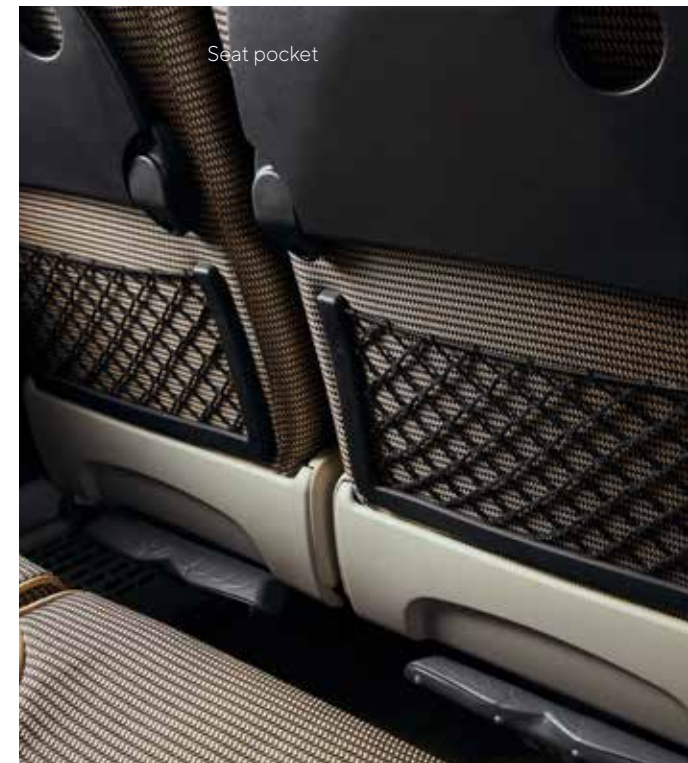
Ergonomic luggage rack



3-point seat belt for the passengers



Service tray at the back of the seat and USB charger



Seat pocket



Cooler placed on the dashboard



WC

MAXIMUM EFFICIENCY, MAXIMUM PERFORMANCE

MD9 works harder and longer for your business. The Cummins ISB6.7 engine stands out with low fuel consumption and environment-conscious performance. The 6.7-litre engine

offers 1100Nm @ 1000-1400rpm, generating 204kW (280hp) of power, and gives a truly outstanding driving experience.



MEET THE NEW MD9 WITH IMPROVED SAFETY FEATURES

The most comfortable journeys begin with safe driving experience.

MD9 is your reliable assistant in your journeys, with safety systems to provide a high level of support.

Anti-Lock Braking System (ABS) allows the driver to hit the brakes suddenly

yet without losing control. It prevents the locking of the brakes, reducing the stopping distance while also improving handling to ensure a safe driving experience even when sudden braking is required.

Anti-Slip Regulation (ASR) is developed to prevent loss of traction with the road.

This prevents skidding, allowing the coach to start moving even in difficult road conditions. It also enhances driving safety on slippery surfaces and prevents excessive wear of the tyres.

Electronic Braking System (EBS) offers the highest level of safety for the driver during 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.

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

Advanced Emergency Braking System (AEBS), offers automatic braking capability in case 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.

Lane Departure Warning System (LDWS) alerts the driver with both an audio and vibrating warning whenever the coach leaves its current lane. The system helps the driver to stay within the lane and alerts him/her if the coach veers dangerously.



THE MD9 OFFERS YOU A RANGE OF OPTIONS

MD9 offers optional seat capacities
to address all your needs.



9.480 mm

Seating Capacity

39 +1+1 ⓘ



9.480 mm

Seating Capacity

34 +1+1 ⓘ



TECHNICAL SPECIFICATIONS

DIMENSIONS AND WEIGHTS

Length	9.480 mm
Width	2.400 mm
Height (incl. air conditioner)	3.345 mm
Floor-To-Ceiling Height	1.930 mm
Wheelbase	4.600 mm
Front Overhang	1.916 mm
Rear Overhang	2.964 mm
Turning Diameter	16.950 mm
Approach Angle	8°
Seating Capacity	39 + 1 + 1
Gross Vehicle Weight	14.400 kg
Total Luggage Volume	5 m ³

ENGINE

Model	Euro 6 Cummins
Type	Diesel, 4-Stroke Engine, Water Cooled, Direct Injection
Number of Cylinders and Layout	6 Cylinder in-line engine
Bore/Stroke	107 x 124 mm
Volume	6.700 cc
Maximum Power	204 kW/280 HP @2100 rpm
Maximum Torque	1100 Nm @1000-1400 rpm

TRANSMISSION

Model	ZF
Type	Automatic
Number of Gears	6 Forward + 1 Rear

AXLES

Front Axle Type	Independent
Front Axle Capacity	5.500 kg
Rear Axle Type	Rigid
Rear Axle Capacity	9.500 kg
Differential Ratio	3.73

RIMS & TIRES

Rim	7.5 x 19.5
Tire	265/70 R19.5

FUEL & AD BLUE TANK

Fuel Capacity	280 L
Ad Blue Tank Capacity	19 L

ELECTRICAL SYSTEM

System Voltage	24 V
Battery	2 x 12V, 180 Ah

STEERING WHEEL

Hydraulic Steering	Standard
Steering Wheel Tilt and Telescopic	Standard

BRAKES

Service Brake	Standard
Parking Brake	Standard
ABS (Anti-Lock Braking System)	Standard
ASR (Anti-Slip Regulation)	Standard
EBS (Electronic Braking System)	Standard
AEBS (Advanced Emergency Braking System)	Standard
Retarder/Intarder	Standard

INTERIOR

Multiset	Standard
Curtain	Standard
Parcel Rack	Standard
Assistant Seat	Standard
Handle, Dashboard	Standard
Service Tray for Passenger Seats	Optional
Seat Pocket (NET) for Passenger Seats	Standard
USB Charger for Passenger Seats	Optional
3-Point Safety Belt for Passenger Seat	Standard
Reclining Passenger Seats	Standard
Sliding Mechanism for Passenger Seats	Standard
34 Seats Layout	Optional
WC*	Optional

EXTERIOR AND BODY

Body Lifting	Standard
Body Kneeling	Standard
Fog Lights	Standard
Xenon Lights	Optional
Rim cover	Standard
Opaque-White Exterior Colour	Standard
Metallic Exterior Colour	Optional

*Not available with 39 seat layout

DRIVER'S AREA

Electrical Sunvisor	Standard
Front Microphone	Standard
Electrical Controlled Driver Window	Standard
3-Point Safety Belt for Driver Seat	Standard
Left Armrest for Driver Seat	Optional
Right 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
Fire Warning System for Engine Room	Standard
Engine Room Fire Warning System	Standard
Safety Hammers	Standard
Low Voltage Warning	Standard
Circuit Separator on Battery	Standard

WINDOWS AND CLIMATIZATION

Air Conditioner	Standard
Preheater	Standard
Convactor	Standard
Double Glazed Side Windows	Standard
AC Defroster	Standard

ELECTRONIC EQUIPMENTS

Cruise Control	Standard
Heated Windshield	Optional
Electrically Adjustable Exterior Mirrors	Standard
DVD Player	Standard
Bottle Cooler in Dashboard	Standard
Tachograph	Standard

OTHER EQUIPMENTS

Spare Tire	Standard
First Aid Kit	Standard
Random Coded Lock	Standard
Electrical Horn	Standard



THE NEW HD12



ROBUSTNESS AND COMFORT ARE REDESIGNED

Meet the HD12 - a coach which will never let you down... for many years to come. Simply enjoy a unique travelling experience thanks to the HD12's industry-leading features

for safety and comfort. HD12 is a game-changer and will help you shape a new, successful future for your business.





THE CONCEPT OF TRAVEL IS RE-IMAGINED

Are you ready for a new experience of comfort and luxury on board the HD12?

All journeys on HD12 offer a unique sense of quality thanks to its spacious interior design and adjustable seats.

With its modern, comfortable seats and powerful air conditioning HD12 makes every journey a pleasurable one for passengers while the drivers also benefit from a range of user-friendly features. The cockpit is ergonomically designed with robust

features and additional safety systems which allows for an enjoyable and uninterrupted driving experience.



WHERE AESTHETIC AND POWER MEETS DYNAMISM

HD12 features a special uninterrupted chrome line determining the comfort space of the vehicle in a modern and aesthetic way.

The encircling chrome contrasts

beautifully with the darkened wide windows to elevate the space for your passengers. Aesthetically designed headlights combine with rear wings to highlight the dynamic and powerful appearance of the HD12.





THE COCKPIT: STEP INTO AN UNRIVALLED DRIVING EXPERIENCE

Enter the cockpit - the place where all great journeys begin. The HD12 is designed to offer a comfortable and easy driving experience thanks to its ergonomic features and components.

The driver's seat is adjustable for comfort and functionality as well as featuring 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 HD12 takes the driving experience to the next level. In addition to advanced braking systems, the ACC (Adaptive Cruise Control) automatically adjusts vehicle speed and maintains safe tracking distance, enhancing both safety and driving experience.



3-point seat belt for the driver



Digital screen



Electric sun visor



Spacious and ergonomic cockpit

OUTSTANDING COMFORT DESIGNED JUST FOR YOU

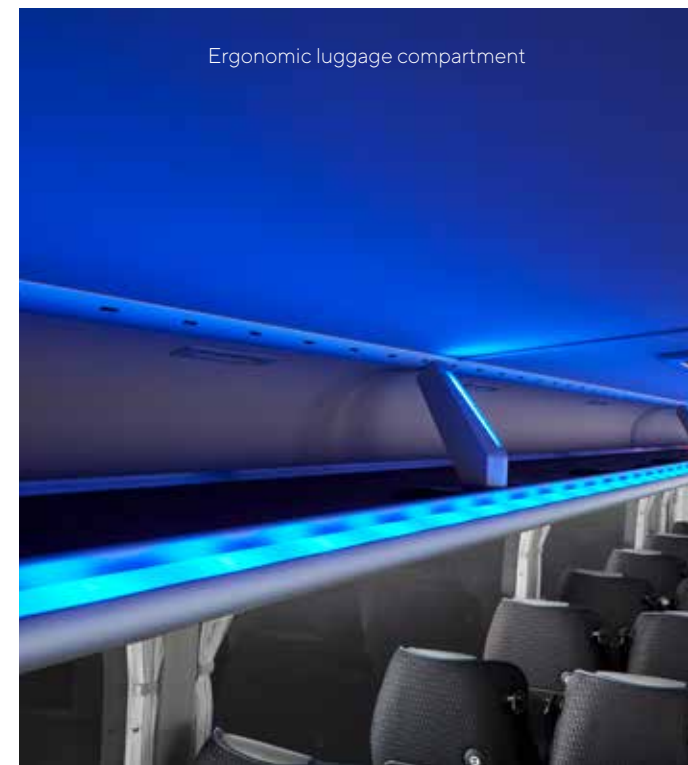
In the HD12 you can choose from a range of comfort features.

With the HD12 you can adjust the seat capacity to your needs including a 53+1 and WC configuration. Other comfort features include wide, modern seats with a choice of textile

and leather materials to maximise the aesthetic and comfort of your coach.

Air-conditioning controls, reading light and speakers offered in each seat can be customized to ensure pleasant journeys.

All you have to do is to ask; HD12 will do the rest for you.



MAXIMUM EFFICIENCY, MAXIMUM PERFORMANCE

The HD12 works harder for your business, and has a longer life. E6 DAF engine stands out with low fuel consumption and environment-friendly performance. The 10.8 liter engine offers 2100 Nm @ 900-1125 rpm, generating 300 kW (408 hp) of power, and gives a truly maximized

driving experience. The six-cylinder engine is remarkable with its high efficiency. Thanks to its ultra modern and diligently tested technology, the engine meets Euro 6 emission requirements, and offers excellent fuel efficiency. It also offers high traction levels at low engine rev

figures and at a wide range of speeds, due to the high-performance nature of the engine. The emphasis is on better fuel efficiency and pure driving pleasure. The HD12 offers an ideal choice for the environment and your budget.



MEET HD12 WITH ITS IMPROVED SAFETY SYSTEMS

A great journey begins with safe driving experience. HD12 is your reliable companion with the safety systems to provide a high level of support. Anti-Lock Braking System (ABS) allows the driver to hit the brakes suddenly yet without losing control. It prevents the locking of the brakes, reducing the stopping distance while also improving handling to ensure a safe driving

experience even when sudden braking is required.

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

Electronic Braking System (EBS) offers the highest level of safety for the driver during 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.

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

Advanced Emergency Braking System (AEBS) offers automatic braking capability in case 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.

Lane Departure Warning System (LDWS) alerts the driver with both an audio and vibrating warning whenever the coach leaves its current lane. The system helps the driver to stay within the lane and alerts him/her if the coach veers dangerously.



HD12 FEATURES OPTIONS TO MEET YOUR NEEDS

HD12 offers a WC+53+1 seat configuration which provides a spacious and comfortable journey. With five pairs of sliding seats with a lift option, the HD12 meets all of your needs.



12 m

Seating Capacity

53 + 1 + WC ⓘ



TECHNICAL SPECIFICATIONS

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	53+1+WC
Gross Vehicle Weight	18.000 kg
Total Luggage Volume	9 m ³

ENGINE

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

TRANSMISSION

Model	ZF
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	3.23

RIMS & TIRES

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

FUEL & AD BLUE TANK

Fuel Capacity	540 L
Ad Blue Tank Capacity	50 L

ELECTRICAL SYSTEM

System Voltage	24V
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

Curtain	Standard
Parcel Rack	Standard
Assistant Seat	Standard
Reclining Passenger Seats	Standard
Service Tray for Passenger Seats	Standard
Seat Pocket (NET) for Passenger Seats	Optional
USB Charger	Optional
WC	Standard
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

DRIVER'S AREA

Electrical Controlled Double Glazed Driver Window	Standard
Front Microphone	Optional
Electrical Sunvisor	Standard
3 Point Safety Belt for Driver Seat	Standard
Right Armrest for Driver Seat	Standard
Left Armrest for Driver Seat	Standard
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 (1x6 kg)	Standard
Engine Room Lid Open Warning	Standard
2. Door Passenger Step Sensor	Standard
Tire Pressure Display	Optional

WINDOWS AND CLIMATIZATION

Double Glazed Side Windows	Standard
Air Conditioner	Standard
Driver's Defroster	Standard
AC Defroster	Optional
Convactor	Standard
Preheater	Optional
Timer For Preheater	Standard

ELECTRONIC EQUIPMENTS

Monitor	Standard
Multimedia System	Standard
Reverse Gear Buzzer	Standard
Rear View Camera	Optional
Heated Windshield	Optional
Bottle Cooler in Dashboard	Standard
Tachograph	Standard

OTHER EQUIPMENTS

Electrical Horn	Standard
Spare Tire	Standard
First Aid Kit	Standard
Fog Lights	Standard
Halogen Headlights	Standard
Day Running Light DRL (LED)	Standard
Handicapped Lift/Ramp	Optional



TOGETHER

At TEMSA we are with you for your whole journey. Together with Arriva Bus and Coach – our exclusive UK partner – we offer you exceptional aftersales care and service.

FOR THE ROAD AHEAD



AFTERSALES BUILT FOR YOU

We want to ensure your coach stays on the road and operating efficiently for many years to come. That is why Arriva Bus and Coach offer bespoke repair and maintenance packages for TEMSA operators in the UK. The packages can include

inspections, servicing, running repairs and MOT preparation. The work is carried out on a fixed schedule and cost to ensure it is in line with your operational requirements.



FUTURE CARE FOR YOUR TEMSA

If your TEMSA coach requires any work carrying out under warranty this will be done by specialist engineers at Arriva Bus and Coach – our exclusive UK partner. We work closely with Arriva Bus and

Coach to ensure any warranty work is completed to an exceptionally high standard with the minimum impact on your operations.



GETTING THE BEST OUT OF YOUR TEMSA

Arriva Bus and Coach will provide all customers with vehicle familiarisation training for every new coach. Additional training sessions are also available to ensure you get the very best out of your TEMSA coach.



UNINTERRUPTED SERVICE TO SUPPLY SPARE PARTS

Arriva Bus and Coach – our exclusive UK partner – has Genuine TEMSA parts in stock to ensure any repairs can be carried out quickly and efficiently. TEMSA Spare Parts Logistic Centre in Germany also provides further resilience in the parts supply for the UK.



QUALITY IS OUR PRIORITY

Quality is crucial for us. TEMSA Spare Parts teams apply robust quality control, classification and inventory management processes for more than 87,000 lines of parts.

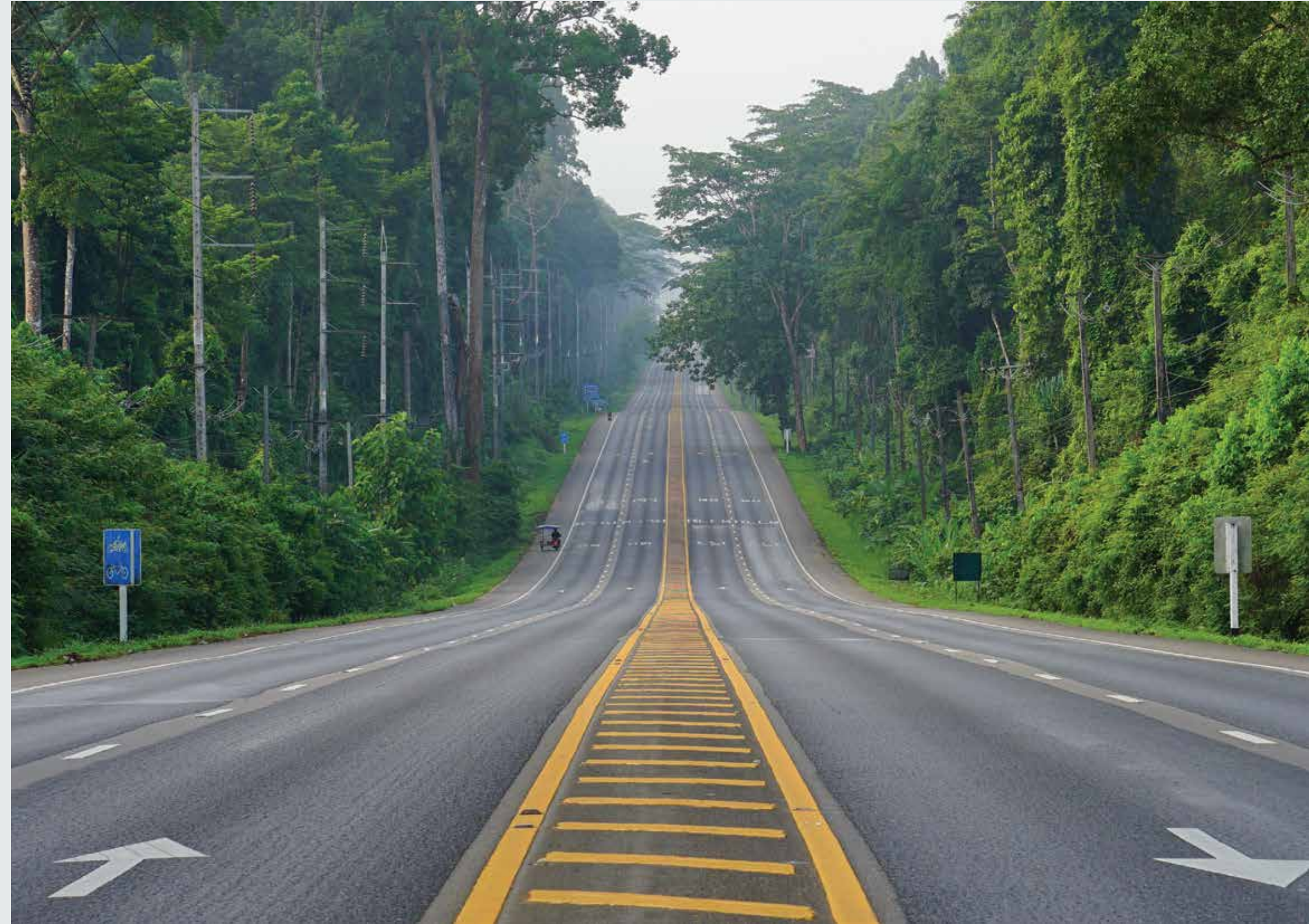


WE ARE ALWAYS THERE FOR YOU

TEMSA Roadside Assistance telephone number is 00497333808555.

Arriva Bus and Coach also provide TEMSA customers with a network of Field Technicians who can carry out repair and maintenance

wherever you need it. These Technicians are industry experts in TEMSA vehicles and have the skills and technology to provide outstanding care for your coach out in the field.



GET IN TOUCH

We are always striving to listen to our customers and further improve the products and services we offer to you. If you have a complaint, request or feedback please contact Arriva Bus and Coach on 01274 681 144.







temsa.com

 **arriva bus and coach**
www.arrivabusandcoach.co.uk

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