



TEMESA
Smart Mobility



Model Range 2019



Coach

Keep your business moving

Relax. You're there.

This TEMSA Coach range was designed to help you and your customers or passengers get more from your journey. That's more comfort, safety and style along with a more satisfying ownership experience. It's time to sit back, relax and enjoy the scenery. There's a world of Coaching pleasure out there, waiting to be discovered.

TEMSA Smart Mobility

Being a smart choice for our customers is at the heart of everything we do. Our customers want to feel that their business matters. At TEMSA we understand what is important to our customers; and we build vehicles that give them reliability, quality, total cost of ownership and passenger experience that they need to maximize their revenues and profits. Thus, feeling good about the smart choice they made.



MARATON

MARATON 12
L: 12.365 m, H: 3.900 m

MARATON 13
L: 13.080 m, H: 3.900 m



HD

HD 12
L: 12.276 m, H: 3.644 m

HD 13
L: 13.076 m, H: 3.644 m

HD VIP
L: 13.076 m, H: 3.644 m



LD

LD 12
L: 12.365 m, H: 3.350 m

LD 13
L: 13.080 m, H: 3.350 m



MD 9

MD 9
L: 9.480 m, H: 3.345 m



MD 7 PLUS

MD 7 PLUS
L: 7.745 m, H: 3.370 mm



A new standard in
luxurious travel

Well-Equipped Interior

A spacious, high quality and ergonomic interior design offer outstanding comfort and maximum safety both passenger and driver.

Excellent Driving Comfort

With its ergonomic driver’s area, powerful engine and durable body, Maraton offer the best driving experience.

High Luggage Capacity

Maraton is designed for maximum luggage capacity without compromising on spacious interior to drive passengers to any location.

Maraton Technical Specifications

Model	Maraton 12 / 13
Length / Width / Height	12.365 m - 13.080 m / 2.550 m / 3.900 m
Front / Rear overhang	2.730 m / 3.300 m
Seat capacity	53 / 57 / 41
Luggage capacity	12 m³ - 14 m³
Engine	435 hp
Air conditioning	39 kW with Roof Heating
Additional features	Audio & Video Systems
	Kitchen Unit
	WC
	VIP Seating Configuration (2 + 1 layout)
	AEBS with ACC (Adaptive Cruise Control)



Ergonomic driver's area

Customised interior

High quality interior





Reliable partner for
long distances

Outstanding Driving Comfort

The HD is engineered and designed with driver comfort in mind, enhancing the pleasure of long-distance trips.

High Quality Interior

A high quality, fully-featured interior ensures both driver and passenger have everything they need for a relaxed and enjoyable experience.

Power And Economy Combined

HD works hard to create a quick return on your investment. By performing better while consuming less fuel, it minimizes the operational cost per passenger.

HD Technical Specifications

Model	HD 12 - HD 13
Length / Width / Height	12.276 m - 13.076 m / 2.550 m / 3.644 m
Front / Rear overhang	2.766 m / 3.410 m
Seat capacity	44-63
Luggage capacity	9 m³ - 11 m³
Engine	435 hp
Air conditioning	39 kW
Additional features	Audio & Video Systems
	Kitchen Unit
	WC
	VIP Seating Configuration (2 + 1 layout)
	AEBS with ACC (Adaptive Cruise Control)
	Wheelchair Lift



Lift option (1-2 wheelchair)





For all your needs

Commercial Decision

Low weight combined with optimum powertrain, LD minimises operational cost without compromising comfort.

High Quality Interior

A high quality, fully-featured interior ensures both driver and passenger have everything they need for a relaxed and enjoyable experience.

Ergonomic Driver's Area

Driving comfort is important to create the best experience for everyone on board. That's why LD driver's area is designed for maximum comfort and convenience.

LD Technical Specifications

Model	LD 12 - LD 13
Length / Width / Height	12.365 m - 13.080 m / 2.550 m / 3.350 m
Front / Rear overhang	2.730 m / 3.300 m
Seat capacity	Min. 49 - Max. 63
Luggage capacity	6,5 m³ - 7,5 m³
Engine	369 hp
Air conditioning	39 kW
Additional features	Audio & Video Systems
	Kitchen Unit
	WC
	Wheelchair Lift
	AEBS with ACC (Adaptive Cruise Control)



Ergonomic driver's area



Multi-purpose options



High quality interior





It's big
on the inside

Outstanding Capacity

The MD's compact form contains a surprising amount of space. With 39 passengers, a 280 L fuel tank and a 5m³ luggage compartment it's easy to drive Coachists to any location.

Outstanding Comfort

Independent front suspension and automatic transmission contribute to excellent driving comfort. First-rate ergonomics and a spacious, modern interior design ensure passengers and drivers enjoy a smooth journey.

Commercial Decision

Low weight construction combined with optimum powertrain, MD 9 minimises operational cost without compromising comfort.

MD 9 Technical Specifications

Model	MD 9
Length / Width / Height	9.480 m / 2.400 m / 3.345 mm
Front / Rear overhang	1.916 m / 2.964 m
Seat capacity	39
Luggage capacity	5 m³
Engine	290 hp / 320 hp
Air conditioning	25 kW
Additional features	Audio & Video Systems
	Kitchen Unit
	WC



Comfortable driver's area

Complete control
for passengers

Spacious interior





Perfectly designed
for your needs



Maximum Seating Capacity

MD 7 PLUS is designed for maximum seating capacity without compromising on comfort and spacious interior.

Multi-Purpose Solution

Providing a high level of comfort and sufficient luggage capacity, MD 7 PLUS is the perfect all rounder for intercity transport and short-distance Coachism.

Ergonomic Driver's Area

The driver's area is ergonomically designed and well equipped to ensure a safety trip.

MD 7 PLUS Technical Specifications

Model	MD 7 PLUS
Length / Width / Height	7.745 m / 2.400 m / 3.370 m
Front / Rear overhang	1.763 m / 2.254 m
Seat capacity	33
Luggage capacity	4,9 m³
Engine	137 kW
Air conditioning	18 kW
Additional features	Wheelchair Lift
	Audio & Video Systems
	Dashboard Refrigerator
	Automatic Transmission



Ergonomic & Comfortable driving experience



Spacious interior



Easy access



Intercity

Perfectly designed
for your needs

Sit back and enjoy the ride.

Travelling from city to city, you never have a dull moment. With TEMSA's Intercity range, you can offer your passengers a pleasant and safe journey to school or work and comfort on regional tours over the weekend. Combining operating reliability, economy and distinctive design, these vehicles have what it takes to become your pride and joy. It's time to get on the road. You're sure to turn a few heads along the way.

TEMSA Smart Mobility

Being a smart choice for our customers is at the heart of everything we do. Our customers want to feel that their business matters. At TEMSA we understand what is important to our customers; and we build vehicles that give them reliability, quality, total cost of ownership and passenger experience that they need to maximize their revenues and profits. Thus, feeling good about the smart choice they made.



LD SB PLUS

LD 12 SB PLUS
L: 12.365 m, H: 3.35 m

LD 13 SB PLUS
L: 13.080 m, H: 3.35 m



MD 9 LE

MD 9 LE
L: 9.536 m, H: 3.132 m



MD 7 PLUS

MD 7 PLUS
L: 7.745 m, H: 3.370 m

Intercity



Tailored
to your needs

Maximum Seating Capacity

The LD SB PLUS is designed for maximum seating capacity with no compromise on comfort, and offers the best return per seat on the market.

Simple and Elegant Interior

The interior is neat, spacious and easy to clean, providing a pleasant journey for students and commuters day after day.

Ergonomic Driver's Area

The driver's area is ergonomically designed and well equipped to ensure comfortable driving experience.

LD SB PLUS Technical Specifications

Model	LD 12 SB PLUS - LD 13 SB PLUS
Length / Width / Height	12.365 m / 13.080 m / 2.550 m / 3.350 m
Front / Rear overhang	2.730 m / 3.300 m
Seat capacity	59 - 63
Luggage capacity	4 m ³ - 5 m ³
Engine	320 hp
Air conditioning	42 kW
Additional features	Wheelchair lift
	Double glazed side windows
	Rear Park Sensor
	Preheater



Well-equipped driver's area



Optional luggage
rack with handrails



Maximum seating capacity





Optimum
dual-purpose
solution

Plenty of Flexible Capacity

Up to 53 total passenger capacity-
MD 9 LE has various seating options. Flexible seat layout enables more flexibility during daily operations.

Easy Access for Everyone

A wide double door in the middle and
a wheelchair area provide easy access and comfortable travel for all passengers.

Fuel Economy

With the optimum power train combination and standard automatic transmission,
fuel costs and emissions are kept to a minimum.

MD 9 LE Technical Specifications

Model	MD 9 LE
Length / Width / Height	9.536 m / 2.400 m / 3.132 m
Front / Rear overhang	2.056 m / 2.880 m
Seat capacity	36 Seat / 53 Total
Door configuration	1 - 2
Engine	250 hp
Air conditioning	24.4 kW
Additional features	Luggage racks
	3P safety belts





Perfectly designed
for your needs

Maximum Seating Capacity

MD 7 PLUS is designed for maximum seating capacity without compromising on comfort and spacious interior.

Multi-Purpose Solution

Providing a high level of comfort and sufficient luggage capacity, MD 7 PLUS is the perfect all rounder.

Ergonomic Driver's Area

The driver's area is ergonomically designed and well equipped to ensure safety.

MD 7 PLUS Technical Specifications

Model	MD 7 PLUS
Length / Width / Height	7.745 m / 2.400 m / 3.370 m
Front / Rear overhang	1.763 m / 2.254 m
Seat capacity	33
Luggage capacity	4,9 m³
Engine	137 kW
Air conditioning	18 kW
Additional features	Wheelchair Lift
	Audio & Video Systems
	Dashboard Refrigerator
	LDWS (Lane Departure Warning System)
	Automatic Transmission



Comfortable
driver's area



Spacious interior



Easy access





Tailored to your needs

Choose from TEMSA's range of optional equipments to further improve your vehicle's comfort and performance levels. Whatever you need to enhance your vehicle's efficiency, we can offer you the equipment that makes all the difference.



Wheelchair lift



Luggage rack



Destination plate



Driver cabin



Flexible seating



Quick-release seat





City

Freedom of movement

Look around. The city is yours.

Move to the rhythm of the city. Here, life is fast-paced, intense and unpredictable. You have to keep to a tight schedule and ensure the safety of your passengers. With TEMSA's City range, you can make it through busy traffic and narrow streets with more ease and in more style. Set out on a new adventure. It's time to tame the urban jungle.

TEMSA Smart Mobility

Being a smart choice for our customers is at the heart of everything we do. Our customers want to feel that their business matters. At TEMSA we understand what is important to our customers; and we build vehicles that give them reliability, quality, total cost of ownership and passenger experience that they need to maximize their revenues and profits. Thus, feeling good about the smart choice they made.



LF 12

LF 12
L: 12.000 m, H: 3.200 m



LF 12 CNG

LF 12 CNG
L: 12.000 m, H: 3.540 m



MD 9 LE

MD 9 LE
L: 9.536 m, H: 3.132 m



MD 9 electriCITY

MD 9 electriCITY
L: 9.496 m, H: 3.226 m



AVENUE ELECTRON

AVENUE ELECTRON
L: 12.095 m H: 3.237 m

City



High Passenger Capacity
Outstanding Driving Comfort
Low Fuel Consumption

LF 12 Technical Specifications

Model	LF 12
Length / Width / Height	12.000 m / 2.550 m / 3.200 m
Front / Rear overhang	2.735 m / 3.455 m
Capacity	25 - 37 seat
Door configuration	2 - 2 / 2 - 2 - 2
Engine	280 hp
Air conditioning	42 kW
Additional features	EBS
	ECAS
	Driver cabin
	Tire Pressure Display
	Passenger Area USB Charger
	Auto Engine Oil Refill
	Audio & Video System
	Passenger Counting System





Making
the city
green

Composite Gas Tanks

Roof-mounted gas tanks, constructed in a lightweight composite material, contribute to the low kerb weight of the LF 12 CNG.

Independent Front Axle

Independent front suspension makes manoeuvring through city streets easier and ensures a smooth ride.

Power And Economy Combined

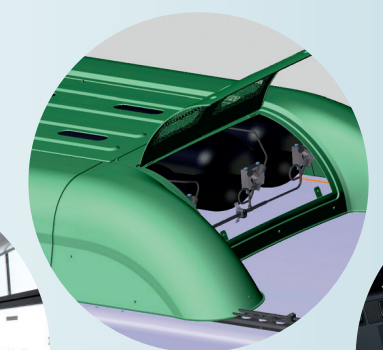
The LF 12 CNG works hard to create a quick return on your investment. By performing better while consuming less fuel, it minimizes the operational cost per passenger with an optimum range.

LF 12 CNG Technical Specifications

Model	LF 12 CNG
Length / Width / Height	12.000 m / 2.550 m / 3.540 m
Front / Rear overhang	2.740 m / 3.455 m
Capacity	26 - 30 seat
Door configuration	2 – 2 – 2
Engine	300 hp
Air conditioning	38 kW
Additional features	ABS
	ECAS
	Driver cabin
	Low Weight Carbon Fiber CNG Tanks
	Audio & Video System
	Auto Engine Oil Refil



High passenger capacity



Composite CNG tanks



Ergonomic dashboard





Changing
city transport

Comfort

Boarding is trouble-free with a low-entry structure. The adjustable seat configuration ensures comfort for all passengers.

Fuel Economy

With the optimum power train combination and standard automatic transmission, fuel costs and emissions are kept to a minimum.

Plenty of Flexible Capacity

Up to 70 total passenger capacity- MD 9 LE has various seating options. Flexible seat layout enable to be more flexible during daily operations.

MD 9 LE Technical Specifications

Model	MD 9 LE
Length / Width / Height	9.536 m / 2.400 m / 3.132 m
Front / Rear overhang	2.056 m / 2.880 m
Capacity	30 seat / 70 total
Door configuration	1-2 / 1-2-1
Engine	250 hp
Air conditioning	24.4 kW
Additional features	Class 1 & Class 2 homologation



Comfortable driver's area



Spacious interior



Pram and wheelchair capacity





Innovation
is in the air

Technology

MD 9 electriciCITY gives the chance of optimum mileage/capacity configuration to the operator for maximum profitability. Direct Drive System with regenerative braking is the key in this configuration.

Charging

The battery system can be charged in 2 hours with a 130 kWh DC Charger. Standart charging for longer battery life with 50 kWh DC charger is our new technology (charging voltage 750 V DC). Mileage is also optimized with end route-bus stop charging.

Capacity

Flexible layout with 26 seating, 63 total gives opportunity to decide the best capacity needs for the operation. Flexible seat layout enable to be more flexible during daily operations.

MD 9 electriciCITY Technical Specifications

Model	MD9 electriciCITY
Length / Width / Height	9.496 m / 2.400 m / 3.226 m
Front / Rear overhang	2056 m / 2840 m
Capacity	26 Seated / 63 Total
Range	250 Km
Charging time	2 hours with 130 kWh DC Changer 6 hours with 50 kWh DC Changer
Motor	100 kW 6 phase PEM=220 kj @ 1600 rpm
Air conditioning	26 kW Cooling / 24 kW Heating with Fresh Air Intake
Additional features	EBS 3 ECAS Adjustable Electro Hydraulic Power Steering



Full TFT instrument cluster



End route charging



High passenger capacity





Just the range
you need

Direct Drive System

Electric motor is connected to the axle directly without transmission. Motor has 3 windings inside, during takeoff and climbing all windings are active to supply full torque. During constant cruising 1 or 2 windings shut off to reduce power consumption.

Shift Selector

To maximize regenerative braking power the shift selector has 4 basic programs. 50% regenerative power for selection “D”, 75% regenerative power for selection “1”, 50% regenerative power for selection “2”, 0% regenerative power for selection “3”. The vehicle can recover 70% of the energy thus extending the range.

Charging

Charge plug is CCS Model 4 type and IEC-61851, ISO 15118 compatible. The vehicle can be charged with different capacity chargers. Charge time is 4.5 hours with 90 kWh DC Charger and 3 hours with 150 kWh charger.

Power	
Electric Motor	3 Phase x 3, High Efficient Permanent Magnet Motor
Motor Power	250 kW
Torque	2700 Nm
Gradability	18%

Energy Storage System	
Type	Li-Ion NMC
Location	Roof
Charging Time	4,5 hrs with 90 kW 3 hrs with 150 kW
Charge System: DC only, CCS Mode 4, IEC-61851, ISO 15118 Compatible	

HVAC System	Guchen: 37,2 kW Cooling & 35 kW Heating Valeo: 30 kW Cooling & 19 kW Heating Heavac: 22 kW Cooling & 11 kW Heating
Additional Heating	Opt. 20 kW Electric Heater

Sizes and Weights	
Length	12.095 mm
Width	2.550 mm
Height	3.237 mm
Wheelbase	5.805 mm
Front Overhang	2.757 mm
Rear Overhang	3.533 mm
Inside Height	Front: 2.424 mm, Rear: 2.292 mm
Turning cycleL/R	10.475 mm/10.390 mm
Clear door width	1.350 mm/1.200 mm
Approach/departure	7°/ 7°
Seat Capacity	35/33/31
Brake System	EBS3 & ESC
Suspension System	Kneeling&Lifting, Side Kneeling (ECAS)



Spacious interior



Full electronic display



High passenger capacity





We are there for you.

Your business depends on the performance of your fleet. That is why TEMSA's International Customer Services team is committed to serving the necessities of your vehicles. In other words, our main goal is to keep your business moving.

Throughout the lifetime of your vehicles, we ensure minimum downtime and provide maximum response.

Wherever you may be and whenever you may need us, you can count on us to serve you as quickly and as efficiently as possible.

Total Quality Management

TEMSA's Total Quality Management philosophy is embedded in the manufacturing process. Before delivery, all of our buses and coaches must pass rigorous quality tests. Our dedicated Pre-Delivery Inspection (PDI) team ensures our products comply with the TEMSA design rules and adhere to the highest engineering specifications in the field.

Training

Your drivers are the heart of your business. To assist them in operating their vehicles more efficiently and safely, we provide drivers training. To ensure you can receive advanced professional repair and maintenance services, we provide continuous training for service mechanics. In addition, the TEMSA Academy is available online.

Just a Phone Call Away

To maximize your vehicle's uptime, our European Road Assistance Service can be reached by phone 24 hours a day, all year long. Qualified personnel are on standby to quickly and efficiently respond to your needs, no matter where you are.

Genuine Spare Parts and Spare Parts Distribution

TEMSA Spare Parts Team is operating the delivery of the right parts at the right price and right time. Spare Parts Team is structured on Parts Order Management and effective support activities throughout the after sales process for TEMSA vehicles operating all over the world.

Spare parts distribution can be operated from Spare Parts European Center located in Germany and from main warehouse located in Adana, Turkey.

Parts order management is carried out through TEMSA online systems; Parts Order Management System (POMS) and Technical Documentation System (TT-DOC).

Authorised Service Centres

To assist you with diligence and professionalism every step of the way, you can rely on our Authorised Service Centres, which can be recognised by the logo on the right. They are audited regularly to ensure they adhere to our standards of quality. Their mechanics provide qualified repair and maintenance services and undergo continuous training to keep up with the latest technological developments and innovations in the field.

Online Solutions

We offer an increasing number of free online solutions to ensure you get fast and efficient support all over the world.



<http://online.temsa.com>

 **ROAD ASSISTANCE SERVICE**
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This image shows a single sheet of white paper with horizontal blue lines, resembling notebook paper. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

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Specification may differ per country. GVW is calculated based on 19 tons.

Consult your sales representative for features and specifications that match your requirements.

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