TEMSA
TS45

JOURNEY
TO EXCELLENCE

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TEMSA

THE NEW DEFINITION OF LUXURY TRAVEL

Regardless of the destination, the new TS45 delivers the ultimate travel experience. With its perfectly sculpted aerodynamic lines and newly added features, it stands out with an eye-catching design that demands attention.

The TS45 revolution continues with a newly refreshed interior design, offering an outstanding look paired with exceptional functionality. All these inspiring features are complemented by enhanced structural integrity and reliability, all while prioritizing operational cost.

FOCUS ON SAFETY AT EVERY TURN

We believe prevention is the best safety feature, that's why the TS45 is equipped with a range of advanced safety features.

The Bendix® Wingman® Fusion™ system helps prevent collisions while Electronic Stability Program (ESP), Antilock Braking Systems (ABS) and Automatic Traction Control (ATC) enhance the vehicle stability. Features like TPMS, 3-point seatbelts and tempered-laminated windows furter support Temsa's safety systems.

When prevention isn't enough, TEMSA's high-strength stainless steel construction and engineering help protect passengers by maintaining compartment integrity. All new Temsa motorcoaches comply with the latest rollover protection regulations.

EXCEPTIONAL PERFORMANCE, DESIGN & EFFICIENCY

The TS45 pairs the powerful Cummins X12 engine with the efficient Allison B500 transmission for top performance on highways and in cities. Optimized driveline, advanced software, an electric fan cooling system, and superior aerodynamics ensure excellent fuel economy and lower costs.

Designed for easy maintenance, the TS45 features service-friendly elements like three-piece bumpers, accessible key panels, and conveniently placed pre-trip check items to reduce downtime and boost efficiency.

AN INTERIOR TO INSPIRE

The TS45 interior has been redesigned to offer a perfect balance of advanced features,comfort, and functionality.

Thoughtful details enhance the overall experience, including a redesigned curved entrance with soft-touch handrails, ambient lighting, spacious and secure enclosed parcel racks, elegant modesty panels with integrated tour guide accessories, a reimagined restroom for maximum ergonomics, and a stylish driver's area with improved visibility.

Passengers will enjoy comfortable seats equipped with dual USB-A and USB-C power outlets, cup holders, magazine nets, footrests, and reclining seats.

PEERLESS, ENLIGHTENED AND CULTIVATED

The cockpit in the TS45 combines elegance with high ergonomic standards. Premium materials and stylish trims create a refined ambiance, with a digital cluster displaying all relevant information, including diagnostic data and rearview camera images.

The new illumination system allows the driver to adjust the interior brightness, with RGB lighting offering the ability to change the interior color and create different illumination effects.

Controls are logically arranged within reach, with features such as the new driver window for improved visibility, 360-degree view camera system, and a camera mirror system. Every detail is designed for maximum control and efficiency.

EXPERIENCE THE NEXT LEVEL WITH NEW MODEL YEAR ENHANCEMENTS

New restroom: spacious, ergonomic, bright, classy

Enlarged parcel racks with indirect lighting & elegance

Enclosed parcel rack doors: reliable, spacious, polished

Electric fan: reliable, fuel-efficient, easy to maintain

New passenger units, with modern & futuristic design

Industry standard hatch with added ventilation

Rearview camera and 360 degree display on cluster

New modesty panels with elegance and functionality

Rewamped driver window, clear visibility and sleek look

Customizable ambiance with the RBG lighting

Refined entrance with indirect lighting and spacious steps

Bold new mirror arm design: stylish, and striking

TS45 *Exclusive Edition*

In every detail, the Exclusive Edition of TS45 redefines the elite journey.

- Premium leather seating for a first-class experience
- RGB lighting to create the phenomenal ambiance
- Sophisticated design blending elegance and prestige
- Crafted for the highest level of luxury in every detail

GENERAL

Length 45′ Height 11′6″ Width 102″ Interior Height 75.75″	Wheelbase 310.8″ Front Overhang 78.5″ Rear Overhang 112″ Underfloor Luggage Volume 460ft³	Turning Radius 40.2′ GVWR 51,500 lbs Fuel Tank Capacity 200 US gal	DEF Tank Capacity 15 US gal Passenger Capacity 56

STANDARD EQUIPMENTS

Engine
Cummins X12, 6-Cylinder 12L (EPA 24)

Engine Power/Torque
Max 455HP @1900 rpm/ 1,700lb-ft@1000 rpm

Engine Cooling
Electric Cooling Fan

Transmission
Allison 6th Gen B500

Body
Stainless Steel Monocoque Integral Structure
Three-Piece Front and Rear Bumper

Front Axle
ZF RL 75E- independent

Rear Axle
ZF A132, Rigid

Tag Axle
ZF RL75A, Steerable,

Baggage Doors
Aluminum, Pantograph

Wheels
22.5″ Alcoa Dura-Bright

Tires
315/80R 22.5

Steering System
Power Steering System with Tag Axle Steering System

Air Suspension
Independent Suspension with Full Lifting and Front Kneeling

Mirror
Chrome Mirror w Turn Signals

Exterior
Rub Rails, WCL Read

SAFETY

Brakes
Bendix® ESP®, ESC, ATC, ABS, All Disc Brake

Engine Brakes
Cummins Engine Brake

Driver Assistance System
Bendix® Wingman® Fusion™
LDWS,ACC , Collision Mitigation

Tire Pressure Monitoring System
Engine Room Fire Suppression System

Warnings
Brake Pad Wearing Indicator, Low Voltage, Engine Door Open

Seating
3-Point Safety Seat Belts for Driver & Passengers

Fire Suppression System
Firetrace Engine Room

ELECTRICAL SYSTEMS

Electrical System
12-24 Volt, Multiplex, Smart Cluster

Battery
2x12 V 225 Ah

Alternator
2X250 Ah

Lights
LED Exterior, Interior & Headlights

RGB
Dimmable LED Ambient Lights

Diagnostic
Engine, Transmission, Multiplex, A/C

INTERIOR

Restroom
Main Tank 10 Gallon, Extra Tank 15 Gallon

Windows
Rear Window and Tempered Laminated Side Windows

Seating
56+1 Reclining, Leather Headrest, Footrest, Magazine Net

Passenger Modules
Air Vents, Reading Lights, Speaker

Power Outlet
USB Type A & C for Each Passenger

Driver Seat
ISRI™ Air Ride 3-Point Safety Belt

Driver Shades
Driver Side Sun Visor, Electric Two-Piece Overlapping Sun Visor

HVAC
MCC A/C, 6 Cylinder A/C Compressor
Roof Cooling, Roof & Convector Heating
Max Cooling 153,000 BTU, Max Heating 259,000 BTU

Dashboard
Full LCD Digital Cluster w Rear View 360°/ Image Function

Media
Touchscreen 2 DIN REI A/V System AM/FM/DVD/MP3/BT,
(6) 15″ REI Monitors

Durable & Cleanable Interior
Ceiling, Parcel Rack, Interior Side Walls

Emergency Exit
Roof Hatch w Ventilated Fan

Flooring
Woodgrain

OPTIONAL

Leather & Fabric Alternatives for Seats

Passeger Side Shades

Enclosed Parcel Racks

REI 360° Camera System in Dash Screen

E-Mirror

REI HDMI Media Kit

Safety Media Player

REI Cordless Microphone

Driver's Partition

Preheater

Destination Signs

Braun Wheelchair Lift

B500R

*The list of optional equipment above does not incorporate our wide offerings. Please contact your TEMSA Sales Manager for options not listed.

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