

TEMSA TS45



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EXPERIENCE THE ALL-NEW TS45

The new TS45 is redesigned to provide the ultimate travel experience for both over-the-road and intercity trips. A new aerodynamic design and proven driving characteristics offer a comfortable ride while keeping fuel economy in mind.

With high quality and state-of-the-art technology, the TS45 is proven for North American highways and is ready to excel in the next level of passenger transportation.



SAFETY IS OUR NUMBER ONE PRIORITY

Bendix® Wingman® Fusion™ is now being offered on the redesigned TS45 adding to the comprehensive list of driver assistance safety systems (ABS, ATC, ESC). The existing lane departure warning system, tire pressure monitoring system, 3-point safety belts, tempered-laminated side windows and the high level of structural integrity round out the standard safety line-up.

Now the TS45 offers improved visibility with enlarged windshields and side glasses which makes for safer travel and better sightseeing for both the driver and passengers.





NEW LEVEL OF TOTAL COST OF OWNERSHIP

The TS45 offers numerous standard features paired with thoughtful upgrades to ensure maximized value and operating margins. One of the focus areas for the redesigned TS45 is reducing the service and maintenance intervals for lower TCO (total cost of ownership).

The new generation multiplex system supports the CAN communication for more reliability while TEMSA's tool-free concept together with the three-piece bumpers, new filter systems, digital cluster and improved electronic structure (KIBES 5) assists to minimize downtime and minimize downtime and operating costs.



LONG LIFE EXPECTANCY WITH MORE OFFERING

The TS45 is designed and manufactured with a monocoque integral structure to ensure a long life expectancy to keep you on the road longer. The high-capacity HVAC system ensures ultimate cooling and heating features even under extreme weather conditions for maximized passenger comfort.

Sit back and relax in reclining seats while enjoying the new infotainment multimedia system with up to six monitors. Feel the smooth ride quality with our advanced air suspension system with airbags & Koni shock absorbers that accompany front independent suspension to ensure an unforgettable travel experience.



GENERAL MEASUREMENT AND CAPACITY

Length	45'	Underfloor Luggage Volume	460 ft ³
Height	11'6"	Turning Radius	40.2'
Width	102"	GVWR	51,500 lbs
Interior Height	75.75"	Fuel Tank Capacity	200 US gal
Wheelbase	310.8"	DEF Tank Capacity	15 US gal
Front Overhang	78.5"	Passenger Capacity	56
Rear Overhang	112"		

STANDARD EQUIPMENTS

Engine	Cummins X12 Series 6-Cylinder 12L Diesel (EPA 21)
Engine Power/Torque	Max 455HP @1900 rpm/ 1,700lb-ft@1000 rpm
Transmission	Allison B500
Body	Stainless Steel Monocoque Integral Structure Three-Piece Front and Rear Bumper
Front Axle	ZF RL 75E- independent, 16,535 lbs
Rear Axle	ZF A132, 27,120 lbs
Tag Axle	ZF RL75A 16,535 lbs
Baggage Doors	Aluminum, Pantograph Type
Wheels	22.5" Alcoa Dura-Bright Wheels
Tires	315/80R 22.5 Continental
Steering System	Power Steering System with Tilt and Telescopic Steering Wheel Tag Axle Steering System (RAS)
Suspension	Independent Suspension with Air Bags and Shock Absorbers Full Lifting and Front Kneeling
Mirror	Chrome Upright Mirror w Integrated Turn Signals
Exterior	Rub Rails, WCL Ready

SAFETY

Brakes	Bendix® ESP® System, All Wheel Disc Brakes Electronic Stability Control (ESC), Automatic Traction Control (ATC), Antilock Braking System (ABS)
Engine Brakes	Cummins Engine Brake
Seating	3-Point Safety Seat Belts for Driver & Passengers
Fire Suppression System	Firetrace Engine Room Automatic Fire Suppression System
Warnings	Brake Pad Wearing Indicator, Low Voltage, Engine Door Open
Tire Pressure Monitoring System	Bendix SmartTire®
Driver Assistance System	Bendix® Wingman® Fusion™ Lane Departure Warning, Adaptive Cruise Control, Collision Mitigation Functionality

ELECTRICAL SYSTEMS

Electrical System	12-24 Volt, Continental Multiplex System, Digital Cluster
Battery	2x12 V 225 Ah
Alternator	Prestolite 2X140 A
Lights	LED Headlights, DRL and Fog Light, LED Exterior & Interior Lighting
Diagnostic	Real Time Diagnostics of Engine, Transmission, Multiplex, A/C System

INTERIOR

Restroom	Recirculating, with 16 Gallon Tank + an Additional 16 Gallon Holding Tank
Windows	Rear Window and Tempered Laminated Side Windows
Seating	56+1 Reclining Seats with Leather Headrest, Piping, Side Boxing, Footrest, Magazine Net, Rubber Cupholder
Driver Seat	ISRI™ Air Ride 3-Point Safety Belt
Passenger Modules	Adjustable Air Vents, Reading Lights, Speaker
Driver Shades	Electric Two-Piece Overlapping Sun Visor, Manual Driver Side Sun Visor
HVAC	Mobile Climate Control A/C, Bitzer 6 Cylinder A/C Compressor Roof Cooling, Roof & Convector Heating Max Cooling Capacity 153,000 BTU, Max Heating Capacity 259,000 BTU
Dashboard	Full LCD Digital Cluster
Media	Touchscreen 2 DIN REI A/V System AM/FM/DVD/MP3/BT (6) 15" REI Monitors, USB Plugs for Driver and Passengers
Flooring	Gerflor Anticwood

OPTIONAL EQUIPMENTS

Enclosed Parcel Racks	Passenger Side Shades	Leather & Fabric Seat Options	REI HDMI Media Kit
REI Cordless Microphone	REI 360 Camera System	Preheater	Destination Sign
Braun Wheelchair Lift	Driver's Partition	Allison B500R	

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