TS 45
Keep your business moving
Relax. You’re there.

This TEMSA coach was designed to help you and your 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 an entire world out there, just 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.
TEMSA TS 45 - Temsa Quality at an Affordable Price

DURABILITY – The TS 45 is constructed from stainless steel with an integral monocoque design that ensures strength and stability. Tested to the highest standards, it will perform at high quality.

PROVEN DRIVE TRAIN – With a 425 HP ISX Cummins engine and Gen 5 B500 Allison transmission, the TS 45 provides raw power and optimum serviceability. The drive train is combined with superb European quality to create a high-quality driving experience.

SAFETY IS OUR STANDARD – This 56 passenger coach ensures the safety of your passengers by offering high safety features on every coach. Standard features include an engine fire suppression system, lane departure warning system, tire pressure monitoring system, ABS, ATC, ESC, RSC, brake pad wear monitoring & warning system, laminated + tempered windows and 3 point safety belts.

ADDITIONAL FEATURES – This coach has a high capacity HVAC system with a 6 cylinder A/C compressor, with brushless fans on evaporator and condenser, which ensures low operational & maintenance costs.
### TECHNICAL SPECIFICATIONS

**Dimensions and Weights**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>TS 45</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall length (ft)</td>
<td>45</td>
</tr>
<tr>
<td>Overall width (in)</td>
<td>102</td>
</tr>
<tr>
<td>Overall height</td>
<td>138''</td>
</tr>
<tr>
<td>Wheelbase (in)</td>
<td>310.8</td>
</tr>
<tr>
<td>Overhang front / rear (in)</td>
<td>78.5 / 112</td>
</tr>
<tr>
<td>Axle height (in)</td>
<td>75.78</td>
</tr>
<tr>
<td>Luggage compartment (ft³)</td>
<td>460</td>
</tr>
<tr>
<td>Turning radius (ft)</td>
<td>40.2</td>
</tr>
<tr>
<td>GVWR</td>
<td>51,500 lbs (23,360 kg)</td>
</tr>
<tr>
<td>Fuel tank capacity (US gal)</td>
<td>200</td>
</tr>
<tr>
<td>DEF tank capacity (US gal)</td>
<td>15</td>
</tr>
</tbody>
</table>

**Structure**

- Type: Monocoque structure in stainless steel

**Engine**

- **Model**: Cummins ISX 12 425 HP (EPA 2017)
- Number of cylinders: 6
- Piston displacement (in²): 729
- Maximum output: 425 HP / 1,800 rpm
- Maximum torque: 1,650 lb-ft / 1,100 rpm

**Transmission**

- Model: Gen 5 Allison 8500 (Retarder option)

**Axles**

- **Front axle**: ZF RL 75 E Independent
- **Rear axle**: ZF A132
- **Tag axle**: ZF RL 75 A (Steerable)
- Ratio: 3.54

**Suspension**

- **Front**: 2 shock absorbers, 2 air bellows, Independent front suspension
- **Rear**: 4 shock absorbers, 4 air bellows
- **Tag**: 2 shock absorbers, 2 air bellows

**Brakes**

- Service brake: Full/Rear Disc Brakes, Full air, ABS + ASR (ATC) + ESC + RSC

**Tires and wheels**

- **Tire size**: 315/80R22.5

**Steering**

- **Model**: ZF power steering

**Electrical system**

- **System voltage / Battery**: 2x12V, 225Ah
- **Alternator**: 2x140 A Presto Lite (Leece Neville)

**Passenger capacity**

- Max. seating arrangement: 56+1 with restroom

**Heating and air conditioning system**

- **Driver area**: A/C defroster cooling & heating / windshield defrosting
- **Passenger compartment / air conditioner**: Full automatic HVAC system / 6 cylinder Bitzer A/C compressor, brushless evaporator and condenser

**Standard equipment**

- *Some photos in this brochure include optional features, such as wood-grain floors and leather seats, that do not come standard, please talk with your CH Bus Sales representative for standard and optional features.*

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www.temsas.com

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