





#### JOURNEY TO EXCELLENCE

# THE SECRET OF EXCELLENT JOURNEYS: TS45

It is not difficult at all to offer first-class traveling experiences for your customers.

Simply sit back and relax as the future of your business is in the safe hands of TS45.

With its flawless design, TS45 is ready to take on the task to transform all journeys into an experience of excellence thanks to its safe and comfortable passenger and driver areas.







# YOUR NEW BUSINESS PARTNER

What do you expect from your business partner? Reliability, comfort, efficiency, endurance, high performance and more? Your new business partner, the TS45, comfortably meets all your expectations.

With a striking stainless steel chassis that's sure to turn heads, the TS45 was designed and produced with your standards and needs in mind.
The TS45 offers you more than ever before thanks not only to its aesthetic

interior design, but also its high performance, lower fuel consumption, spacious luggage compartment and advanced safety systems.

The engineers who developed the TS45 had user-friendly maintenance in mind. Thanks to the ease of replacing parts, the TS45 offers savings in both time and money.



### IMAGE MATTERS

The TS45 helps you create an impressive first impression in the eyes of your passengers. The TS45 attracts attention with its flawless details,

dynamic design, modern stance and monocoque body. The new TS45 offers a selection of colors to meet your expectations.











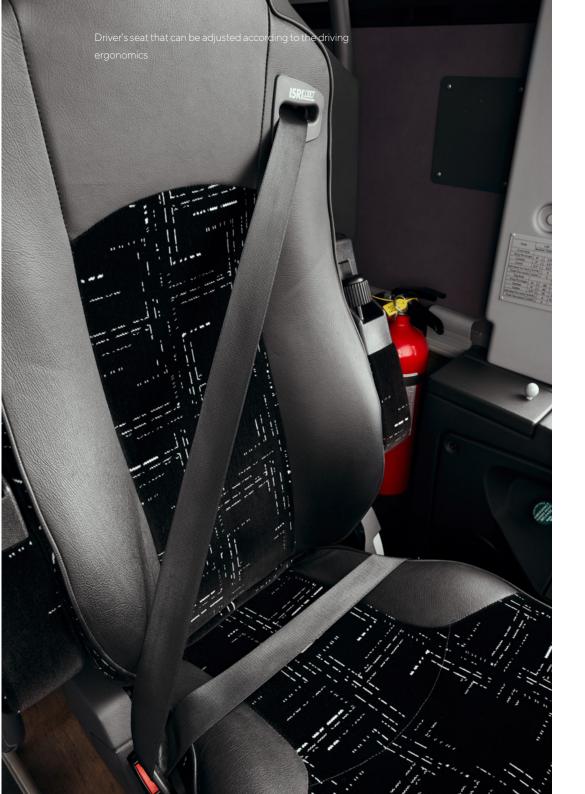
## COCKPIT: THE POINT WHERE PERFECT JOURNEYS BEGIN

Why leave perfection to chance? The driver's cockpit area in the TS45 is designed with both the safety and comfort of the driver in mind during long and challenging journeys. Perfection is guaranteed thanks to its adjustable ergonomic driver's seat, lumbar support to minimize the stress on the back, left and right armrests,

an easily adjustable electrical sun visor and user-friendly dashboard.

The TS45 adds a touch of perfection to driving safety. Safety is always guaranteed thanks to advanced driving components and features such as low voltage warning, cruise control, rear parking sensor and tire

pressure display. The TS45's lighting systems such as LED Daytime Running Lights (DRL), Fog Lights, and LED Headlights will make sure that your way is illuminated under all conditions, and the vehicle is noticeable by all other drivers.







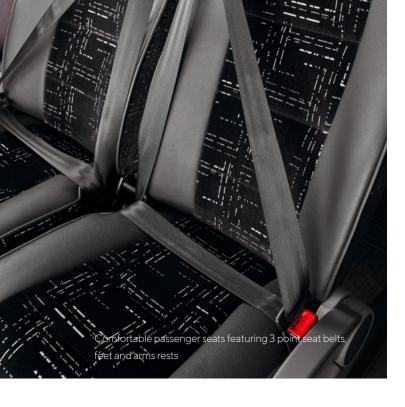
## PERFECTION FROM WITHIN

Who can say no to an idea that ensures a more pleasant and comfortable journey for their passengers? The TS45 is always ready to meet all expectations and offer a comfortable journey thanks to

its features including a powerful air conditioning system, space-adjusted seats, foot/armrest options and wide windows

All you need to do is to choose the seat arrangement, leg room, flooring

patterns and colors to suit your business. You can comfortably leave the rest to the TS45, which offers flawless hospitality.









### MAXIMUM EFFICIENCY, MAXIMUM PERFORMANCE

The TS45 will work harder for your business over a longer lifetime. Its Cummins ISX engine provides low fuel consumption and environmentally conscious performance.

The 11.9-liter engine offers 1650 lb-ft of torque @ 1100 rpm, generating 317 kW (425 hp) of power, creating a truly powerful driving experience.



## THE TS45 PROVIDES YOU ADVANCED SAFETY SYSTEMS

The most comfortable journeys begin with a safe driving experience.

The TS45's Anti-Lock Braking System (ABS) allows the driver to hit the brakes suddenly yet without losing control. It prevents the brakes from locking and reduces stopping distance. This improves handling and creates a safer driving experience even when sudden emergency braking is needed.

Anti Slip Regulation (ASR) helps to prevent the wheels from losing traction. ASR system assists the driver to prevent skidding and thus allow the vehicle to start moving even under difficult road conditions. It also enhances driving safety on slippery surfaces, and prevents excessive wear of the tires.

Electronic Stability System (ESP) helps to protect the vehicle from negative effects of difficult road conditions. It works with the engine's operating system, and provides a different level of traction with individual wheels. Doing so allows the adjustment of traction on individual wheels, combined with

different braking power for different wheels, to provide the optimal level of traction for all four wheels. These adjustments assist in preventing the vehicle from losing control in case of sudden steering maneuvers applied for sharp cornering.

The Lane Departure Warning System (LDWS) warns the driver with an audible and vibrating alert when the vehicle moves out of its lane. The warning system increases the level of safety by helping you stay in your lane.



## THE TS45 FEATURES **OPTIONS TO MEET** YOUR NEEDS

The TS45 offers a 56+1 maximum seat configuration with restroom, which provides a spacious and comfortable journey. The lift preparation option

for easy boarding of passengers with reduced mobility also meets all your needs.



Maximum Seating Capacity 56









#### **TECHNICAL SPECIFICATIONS**

DIMENSIONS AND WEIGHTS		ELECTRICAL SYSTEM	
Length (ft)	45	System Voltage	24 V
Width (in)	102	Battery	2 x 12V 225Ah
Height (in)	11′6	STEERING WHEEL	
Floor-To-Ceiling Height (in)	75.75	Hydraulic Steering	Standard
Wheelbase (in)		Steering Wheel Tilt and Telescopic	
Front Overhang (in)			Standard
Rear Overhang (in)	112	BRAKES	
Turning Diameter (ft)	40.2	Service Brake	
Approach Angle	8,5°	Parking Brake	
Seating Capacity	Maximum 56+1 with restroom	Engine Brake.	
Gross Vehicle Weight	51,500 lbs (23,360 kg)	ABS (Anti-Lock Braking System)	
Total Luggage Volume (ft³)	460	ASR (Anti-Slip Regulation)	
ENGINE		Temporary Bus Stop	'
Model	Oummins ISX 12 425 HP (FPA 2017)	Retarder/Intarder Control By Pedal	Optional
Type	,	INTERIOR	
Number of Cylinders and Layout		Parcel Rack	Standard
Bore/Stroke		Multiset	Standard
Volume (displacement).	,	Curtain	Standard
Maximum Power		Reclining Passenger Seats	Standard
		3 Point Safety Belt for Passengers	Standard
Maximum Torque	1850 lb-1t/ 1,100 rpm	Adjustable Foot Rest	Standard
TRANSMISSION		Fixed Armrest	
Model	n 5 Allison B500 (Retarder Option)	Seat Pocket (NET) for Passenger Seats	Standard
Type	Automatic	110V Supply (inv) Plug On Seat	Optional
Number of Gears	6	Restroom	Standard
AXLES	_	EXTERIOR AND BODY	_
Front Axle Type	ZF RL 75 E-independent	Body Lifting	Standard
Front Axle Capacity	16,535 lbs	Front Kneeling	Standard
Rear Axle Type	ZF A 132	Rim Cover	Standard
Rear Axle Capacity	27,120 lbs	Opaque White Exterior Colour	Standard
Tag Axle	Steerable	Metallic Exterior Colour	Optional
Differential Ratio.	3.54	Opaque Exterior Colour	Optional
RIMS & TIRES		DRIVER'S AREA	
Rim	22,5X9 Alcoa Durabright	Manual Controlled Driver Window	Standard
Tire	315/ 80 R 22.5	Electrical Sunvisor	Standard
FUEL & DEF TANK		3 Point Safety Belt for Driver Seat	Standard
Fuel Capacity	200115 Gal	Right Armrest for Driver Seat	Standard
DEF Tank Capacity		Left Armrest for Driver Seat	Standard
DET Tank Capacity	15 03 Gal	Interior Mirror for Driver	Standard

#### SECURITY

ESP (Electronic Stability Programme)	Standard
LDWS (Lane Departure Warning System)	Standard
Engine Room Fire Extinguisher System	Standard
Low Voltage Warning	Standard
Circuit Separator on Battery	Standard
Fire Extinguisher (1*6 kg)	Standard
Engine Room Lid Open Warning	Standard
Tire Pressure Display	Standard
Speed Limiter	Standard
WINDOWS AND CLIMATIZATION	
Air Conditioner	Standard
Driver's Defroster	Standard
AC Defroster	Standard
Convector	Standard
Preheater	Optiona
Timer For Preheater	Optiona
Double Glazed Rear Windows	Standard
ELECTRONIC EQUIPMENTS	
Reverse Gear Buzzer	Standard
Rear View Camera	Optiona
Windshield	Standard
Rear Parking Sensor	Standard
OTHER EQUIPMENTS	
Spare Tire	Standard
First Aid Kit	Standard
Day Running Light DRL (LED)	Standard
Fog Lights.	Standard
LED Headlight	Standard
Electrical Horn	Standard
Air Horn	Standard
Handicapped Lift/Ramp Preparation	Optiona





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了到的另外

**TS45** 

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