

TS45



TEMSA
Smart Mobility

DIMENSIONS AND WEIGHTS

Length (ft).....	45
Width (in).....	102
Height (in).....	138
Floor-To-Ceiling Height (in).....	75.75
Wheelbase (in).....	310.8
Front Overhang (in).....	78.5
Rear Overhang (in).....	112
Turning Diameter (ft).....	40.2
Approach Angle.....	8,5°
Seating Capacity.....	56+1 with WC
Gross Vehicle Weight.....	51,500 lbs (23,360 kg)
Total Luggage Volume (ft ³).....	460

ENGINE

Model.....	Cummins ISX 12 425 HP (EPA 2017)
Type.....	Diesel
Number of Cylinders and Layout.....	6 in Line
Bore/Stroke.....	130 mm/150 mm
Volume (displacement).....	11,9 L
Maximum Power.....	425HP (317 kW)/1.800 rpm
Maximum Torque.....	1650 lb-ft/ 1,100 rpm

TRANSMISSION

Model.....	Gen 5 Allison B500 (Retarder Option)
Type.....	Automatic
Number of Gears.....	6

AXLES

Front Axle Type.....	ZF RL 75 E-independent
Front Axle Capacity.....	7,500 kg
Rear Axle Type.....	ZF A 132
Rear Axle Capacity.....	12,300 kg
Differential Ratio.....	3.54

RIMS & TIRES

Rim.....	22,5X9 Alcoa Durabright
Tire.....	315 / 80 R 22.5

FUEL & UREA TANK

Fuel Capacity.....	200 US Gal
Urea Tank Capacity.....	15 US Gal

ELECTRICAL SYSTEM

System Voltage.....	24 V
Battery.....	2 x 12 V 225 Ah

STEERING WHEEL

Hydraulic Steering.....	Standard
Steering Wheel Tilt and Telescopic.....	Standard

BRAKES

Service Brake.....	Standard
Parking Brake.....	Standard
Engine Brake.....	Standard
ABS (Anti-Lock Braking System).....	Standard
ASR (Anti-Slip Regulation).....	Standard
Temporary Bus Stop.....	Optional
Retarder/Intarder Control By Pedal.....	Optional

INTERIOR

Parcel Rack.....	Standard
Multiset.....	Standard
Curtain.....	Standard
Reclining Passenger Seats.....	Standard
3 Point Safety Belt for Passengers.....	Standard
Adjustable Foot Rest.....	Standard
Fixed Armrest.....	Standard
Seat Pocket (NET) for Passenger Seats.....	Standard
110V Supply (inv) Plug On Seat.....	Optional
WC.....	Standard

EXTERIOR AND BODY

Body Lifting.....	Standard
Front Kneeling.....	Standard
Rim Cover.....	Standard
Opaque White Exterior Colour.....	Standard
Metallic Exterior Colour.....	Optional
Opaque Exterior Colour.....	Optional

DRIVER'S AREA

Manual Controlled Driver Window.....	Standard
Electrical Sunvisor.....	Standard
3 Point Safety Belt for Driver Seat.....	Standard
Right Armrest for Driver Seat.....	Standard
Left Armrest for Driver Seat.....	Standard
Interior Mirror for Driver.....	Standard

SECURITY

ESP (Electronic Stability Programme).....	Standard
Engine Room Fire Extinguisher System.....	Standard
Low Voltage Warning.....	Standard
Circuit Separator on Battery.....	Standard
Fire Extinguisher (1*6 kg).....	Optional
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.....	Optional
Timer For Preheater.....	Standard
Double Glazed Rear Windows.....	Standard

ELECTRONIC EQUIPMENTS

Reverse Gear Buzzer.....	Standard
Rear View Camera.....	Optional
Windshield.....	Standard
Rear Parking Sensor.....	Standard
Rear View Camera.....	Optional

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.....	Optional

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