

# LD SB PLUS





# YOU'RE IN GOOD HANDS WITH THE LD SB PLUS



Take a deep breath and relax. Meet the LD SB Plus, an expert in both inner-city travel and inter-city travel. Your newest business partner makes everything more comfortable, as well as providing you with more power and strength thanks to its modular interior design, advanced security equipment, and economic, user-friendly structure.





# THE PLUSSES OF THE LD SB PLUS

The LD SB is designed to make your dreams come true. The LD SB gets where it needs to go even in the harshest conditions. It has been tested and approved by quality controls performed with all the assurances of TEMSA. Its high performance, low fuel consumption, comfort-oriented design approach and full hardware security systems help to increase profits and revenue. The LD SB features user-friendly engineering, and its easily removable parts allow for savings in terms of both time and money.



# SUITED TO YOUR BUSINESS

Created by an expert team of experienced designers, the LD SB's durable and simple character make quite the first impression with its appearance. It's always ready to make a difference to your business with its aesthetic, modern stance and user friendly design.

The LD SB is designed to enhance the comfort of every passenger. The wheelchair lift option and the way its body can raise and lower itself makes getting on and off incredibly easy.



## A COMFORTABLE JOURNEY STARTS IN THE COCKPIT

The ergonomic ISRI or Grammer driver seat makes every part of the journey a joy to drive, taking advantage of its practical dashboard and easy-to-use driving equipment.

In addition to the alcohol meter on the LD SB model, which guarantees safe driving, you're always in safe hands thanks to equipments such as the automatic braking system, its heated windshields and reverse sensors.



# EVERY TRIP REQUIRES COMFORT

The comfortable, spacious interior design and powerful air conditioning system of the LD SB means that every single passenger can enjoy their journey.

You can design the LD SB according to your business needs with options like ergonomic inner rack, monitors, ski/bike/wheelchair area.





# BOTH COMFORTABLE AND EFFICIENT

The LD SB is ready to work hard for many years. The FPT N67 ENT engine is environmentally friendly while offering low fuel consumption and is emissions compliant with Euro 6 standards. This 6.7-liter efficient engine provides 1100 Nm of torque at 1250 rpm, and a maximum driving

experience with 235 kW (320 hp). The latest generation common rail injection system in the FPT engine provides optimum combustion efficiency, resulting in high performance and low fuel consumption.



# REST ASSURED WITH SECURITY SYSTEMS

THE MOST COMFORTABLE JOURNEYS BEGIN WITH A SAFE DRIVING EXPERIENCE. THE HIGH-END SECURITY SYSTEM OF THE LD SB WILL BE YOUR MOST VALUABLE ASSISTANT ON YOUR JOURNEYS.

## **THE ABS (ANTI-LOCK BRAKING SYSTEM)**

Lets the driver brake suddenly and in a controlled manner. It is a system developed to prevent the brakes from locking and shortens the distance the vehicle travels while braking. This makes driving safe even when braking in an emergency.

## **THE ASR (ANTI SKID SYSTEM)**

Prevents the wheels from skidding. Thanks to the ASR, skidding is prevented even under the most difficult road conditions, allowing the vehicle to stay on the road. It also improves driving safety on slippery surfaces and prevents excessive wear on the tires.

## **THE EBS (ELECTRONIC BRAKE SYSTEM)**

Provides for the best possible control in braking, and is integrated in a single electronic system with brake control system, ABS and ASR. It yields successful results at much shorter stopping distances and causes less wear on the discs.

## **THE ESP (ELECTRONIC STABILITY PROGRAM)**

Ensures that your vehicle is not adversely affected by difficult road conditions. By interfering with the operating system of the engine, varying pressure is applied to each wheel. This way, the pressure applied to the wheels is adjusted specifically for 4 wheels with each one's braking power optimized to the event. This prevents your vehicle from getting out of your control by sudden steering lurches around a sharp corner.

## **THE AEBS (ADVANCED EMERGENCY BRAKING SYSTEM)**

Offers automatic braking in case of danger. It automatically activates in situations when you suddenly come across a risk of collision on the road and helps prevent or reduce possible collisions.

## **THE LDWS (LANE DEPARTURE WARNING SYSTEM)**

System that alerts the driver with sound and vibration when the vehicle departs from its lane. This system helps you to reenter the lane and increases security measures by warning you in various ways whenever your vehicle is veering out of its current lane.

## DIMENSIONS AND WEIGHTS

Length	12.365 mm / 13.080 mm
Width	2.550 mm
Height (incl. air conditioner)	3.350 mm
Floor-To-Ceiling Height	Front:2.240 mm / Rear:2.000mm
Wheelbase	6.335 mm / 7.050 mm
Front Overhang	2.730 mm
Rear Overhang	3.300 mm
Turning Diameter	22.920 mm/24.840 mm
Approach Angle	8°
Seating Capacity	59/63
Gross Vehicle Weight	18.000 kg / 19.000 kg
Total Luggage Volume	4 m <sup>3</sup> / 5 m <sup>3</sup>

## ENGINE

Model	Euro 6 FPT
Type	Diesel, 4-Stroke Engine, Water Cooled, Direct Injection
Number of Cylinders and Layout	6 Cylinder in-line engine
Bore/Stroke	104 x 132 mm
Volume	6.7 L
Maximum Power	235 kW/320 HP @2500 rpm
Maximum Torque	1100 Nm @1250 rpm

## TRANSMISSION

Model (Standard)	ZF
Type	Manual
Number of Gears	6 Forward + 1 Rear
Model (Optional)	Allison
Type	Automatic
Number of Gears	6 Forward + 1 Rear

## AXLES

Front Axle Type	Independent
Front Axle Capacity	7.500 kg
Rear Axle Type	Rigid
Rear Axle Capacity	13.000 kg
Differential Ratio	Manual: 4,778 Automatic: 5,125

## RIMS & TIRES

Rim	22.5 x 8.25
Tire	295/80 R22.5

## FUEL & UREA TANK

Fuel Capacity	321 L
Urea Tank Capacity	30 L

## ELECTRICAL SYSTEM

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

## STEERING WHEEL

Hydraulic Steering	Standard
Steering Wheel Tilt and Telescopic	Standard

## BRAKES

Service Brake	Standard
Parking Brake	Standard
ABS (Anti-Lock Braking System)	Standard
ASR (Anti-Slip Regulation)	Standard
EBS (Electronic Braking System)	Standard
Retarder/Intarder	Standard

## INTERIOR

Parcel Rack	Optional
Multiset	Optional
Curtain	Optional
Assistant Seat	Optional
Reclining Passenger Seats	Optional
Service Tray for Passenger Seats	Optional
Seat Pocket (NET) for Passenger Seats	Optional

## EXTERIOR AND BODY

Body Lifting	Standard
Body Kneeling	Standard
Skibox	Optional
Rim Cover	Optional
Opaque-White Exterior Colour	Standard
Metallic Exterior Colour	Optional

## DRIVER'S AREA

Sunvisor	Standard
Electrical Sunvisor	Optional
Front Microphone	Optional
Electrical Controlled Driver Window	Optional
Interior Mirror for Driver	Standard
3 Point Safety Belt for Driver Seat	Standard
Right Armrest for Driver Seat	Optional
Heater for Driver Seat	Optional

## SECURITY

ESP (Electronic Stability Programme)	Standard
Safety Hammers	Standard
Fire Warning System for Engine Room	Standard
Low Voltage Warning	Standard
Circuit Separator on Battery	Standard
Fire Extinguisher	Standard

## WINDOWS AND CLIMATIZATION

Double Glazed Side Windows	Optional
AC Defroster	Optional
Convactor	Standard
Air Conditioner	Optional
Preheater	Optional
Driver's Defroster	Standard

## ELECTRONIC EQUIPMENTS

CD-MP3 Player	Optional
Monitor	Optional
Reverse Gear Buzzer	Standard
Rear Parking Sensor	Optional
Rear View Camera	Optional
Heated Windshield	Optional
Electrically Adjustable Exterior Mirrors	Optional
Bottle Cooler in Dashboard	Optional
Destination Plates	Optional
SchoolBus Sign	Optional
Alcoholmeter	Optional
Tachograph	Standard

## OTHER EQUIPMENTS

Electrical Horn	Standard
Air Horn	Optional
Spare Tire	Optional
First Aid Kit	Standard
Fog Lights	Standard
Handicapped Lift	Optional
LED Front Fog Light	Optional
LED Daytime Running Light	Optional