

LF 12



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COMFORT IN THE CITY



The LF 12 will draw your attention with its features that bring comfort to urban travel. It cares about the comfort of both the driver and passengers with the details that come in view in its design and equipments. Moreover, it never makes compromises on its quality and high performance... Are you ready to change your definition of urban travel with the LF 12?



QUALITY AND COMFORT NESTED TOGETHER

The LF 12 has been delicately designed to offer its passengers comfortable urban travels.

While the interior height of the vehicle provides spacious experiences, many details have been taken into consideration in the interior design so that the sudden accelerations and decelerations have a minimum level of effect on the passengers, considering the standing traveling passengers as well.

The LF 12's pieced front and rear mask provides its users the convenience of easy serviceability and minimizes the cost with the easy disassembly and assembly of the parts that are changed in periodic maintenance.



REFLECTION OF MODERN LINES ON THE CITY

Its minimalistic, breathtaking lines and stylish, eye-catching design extending upwards from the bottom of the headlights on the front mask not only impress the passengers but also the people walking on the street.

The 3-piece windshield in the vehicle provides both the driver and passengers a full panoramic view of the city coming directly from the heart

of it.

You can prefer LF 12 with 2 doors or 3 doors depending on your request and it offers easy getting on and off opportunities for all passengers with stepless doors and also eliminates the negative situations experienced by children, pregnant women, elderly and disabled passengers in public transportation.



WHERE SIMPLICITY AND COMFORT MEET

LF 12 prioritizes comfort with the neat design details in the driver's area. Personal ergonomic compartments are created for the drivers to put their personal belongings in the driver's cabins and they are offered with or without glass or with a cash box, depending on your preference.

LF 12 is preferred with its comfortable driver area and simple design of the most used

functions on the instrument panel. Drivers can easily track the vehicle's instantaneous speed and revolution conditions, the distance details of the current road and the general total, ABS, ASR, battery and fuel conditions, warnings and information about the headlights through the instrument panel.



SPACIOUSNESS IN THE CITY

The LF 12 offers various variations in the number of standing passengers and total passenger capacities depending on seating capacities changing between 25 and 35 according to your urban passenger transportation and needs.

The LF 12 ensures that the interior of the vehicle is kept at the desired temperature even in the hottest regions with its powerful air conditioning. Thanks to the convector and additional heater options, the interior temperature can be arranged

according to the desired degrees in cold weather conditions.

With its important technological equipment such as passenger counting system (PCS), announcement and passenger information systems, fleetics, emergency response button placed in the vehicle at regular intervals for both the driver and passengers and in-car camera system, the LF 12 makes your work considerably easier.



MAXIMUM EFFICIENCY, MAXIMUM PERFORMANCE

The LF 12 works harder, lives longer for your business.

Cummins ISB 6.7E6C280B engine is eco-friendly and it enables low fuel consumption with its emission values. It gives a maximum driving experience with its 204 kW power produced by its efficient engine with a cylinder volume of 6.7 liters and providing a torque of 1100 Nm at 1000 rpm.

The advanced high-pressure common rail fuel system in the Cummins engine provides the optimum balance of performance, emission control and fuel economy.

With its distinguished and advanced technological features, the Cummins engine provides optimum performance, driving safety, durability, reliability and fuel efficiency. Furthermore, it has the lowest total cost of ownership among engines in its class.

HERE IS THE LF 12 WITH ITS ADVANCED SECURITY SYSTEMS

THE MOST COMFORTABLE JOURNEYS START WITH SAFE RIDES. WITH ITS SECURITY SYSTEMS THAT WILL SUPPORT YOUR JOURNEYS AT THE HIGHEST LEVEL, THE LF 12 IS THE BIGGEST ASSISTANT FOR YOUR TRAVELS.

ANTI-LOCK BRAKING SYSTEM (ABS)

The ABS, Anti-Lock Braking System, provides sudden and controlled braking for the driver. This system is developed to prevent the brakes from locking, and it shortens the braking distance by preventing locking. In this way, it increases steering control.

ANTI-SLIP REGULATION (ASR)

ASR, Automatic Slip Regulation, is a system installed to prevent the wheels from skidding. Apart from this feature, the ASR system has many advantages for the vehicle. It allows the vehicle to start easily in difficult road conditions. This system also prevents the vehicle from skidding on slippery surfaces or corners, increases driving safety and prevents excessive wear of the tires.

ELECTRONIC BRAKING SYSTEM (EBS)

EBS, Electronic Brake System, gives the best control ever in braking. It is integrated into a single electronic system including the brake control system, ABS and ASR. This system enables you to get satisfying results at much shorter stopping distances and provides less wear on the discs.



LF 12

DIMENSIONS AND WEIGHTS

Length	12.000 mm
Width	2.550 mm
Height (incl. air conditioner)	3.200 mm
Floor-To-Ceiling Height	Front:2.624 mm/Rear:2.492 mm
Wheelbase	5.805 mm
Front Overhang	2.735 mm
Rear Overhang	3.455 mm
Turning Diameter	20.950 mm
Approach Angle	7°
Gross Vehicle Weight	18.000 kg

ENGINE

Model	E6 Cummins
Type	Diesel, 4 Stroke,Turbocharged, Direct Injection
Number of Cylinders and Layout	6 Cylinder in-line engine
Bore/Stroke	107 x 124 mm
Volume	6,7 L
Maximum Power	204 kW/280 HP @2100 rpm
Maximum Torque	1082 Nm @1400 rpm

TRANSMISSION

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

AXLES

Front Axle Type	Independent
Front Axle Capacity	7.245 kg
Rear Axle Type	Portal
Rear Axle Capacity	11.500 kg
Differential Ratio	5.73

RIMS & TIRES

Rim	22,5 x 8,25
Tire	275/70 R22.5

FUEL & UREA TANK

Fuel Capacity	285 L
Urea Tank Capacity	35 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
Intarder	Standard

INTERIOR

Handle, Dashboard	Optional
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EXTERIOR AND BODY

Rim cover	Optional
Body Lifting	Standard
Body Side Kneeling	Standard
Body Kneeling	Standard
Opaque-White Exterior Colour	Standard
Metallic Exterior Colour	Optional
Third Door	Optional

DRIVER'S AREA

Manual Sunvisor	Standard
Electrical Sunvisor	Optional
Swan Microphone	Optional
Interior Mirror for Driver	Standard
3 Point Safety Belt for Driver Seat	Standard
Left Armrest for Driver Seat	Optional
Right Armrest for Driver Seat	Optional

SECURITY

Fire Warning System for Engine Room	Standard
Fire Extinguisher System for Engine Room	Optional
Safety Hammers	Standard
Fire Extinguisher	Standard
Temporary Bus Stop	Standard
Circuit Separator on Battery	Standard

WINDOWS AND CLIMATIZATION

Double Glazed Side Windows	Standard
Sliding Front Heated Driver window	Standard
AC Defroster	Optional
Air Conditioner	Standard
Air Conditioner with Heating	Optional
Preheater	Optional
Driver's Defroster	Standard
Convector, Wheelchair Area	Optional

ELECTRONIC EQUIPMENTS

CD-MP3 Player	Optional
Monitor	Optional
Wifi	Optional
Reverse Gear Buzzer	Standard
Rear Parking Sensor	Optional
Electrical Controlled Driver Window	Optional
Electrically Adjustable Exterior Mirrors	Optional
Heated Windshield	Optional
Destination Plates	Standard
Electronic Air Suspension System	Standard
Passenger Counting System	Optional
Announcement and Passenger Notification System	Optional
Tachograph	Optional
SchoolBus Sign	Optional
Automatic Fuses	Optional

OTHER EQUIPMENTS

Spare Tire	Optional
Fog Lights	Standard
Wheelchair Fixing Equipment	Standard
Random Coded Lock	Standard
Electrical Horn	Standard
Manual Ramp	Standard
Automatic Engine Oil Fulfillment System	Optional
Ticket Machine Preparation	Standard