

Moving People, Changing Minds



SCANIA



OGHAB

www.oghabafshan.com

sales@oghabafshan.com

According to the fundamental policy of Oghab Afshan Company regarding continuous improvement of products and services, the company reserves the right to change the technical specifications without prior notice.

Chassis

- Scania, type: K Series

Engine

- Type: Scania - DC13 107
- Number of cylinders: 6
- Output: 410 hp (302 kW) at 1900 rpm
- Displacement: 12740 cc
- Max. torque: 2000 Nm at 1000-1350 rpm
- Emission rating: Euro 3/ Euro 4-5-6 (Optional)
- Equipped with turbocharger, charge air cooler and centrifugal oil cleaner
- A strong guard in the chassis and under the engine protects the engine against damages.

Gearbox

- Scania GR875R, 8 speed with Opticruise for shifting gears manually or automatically
- Equipped with automatic clutch system (without clutch pedal)
- Equipped with oil cooler
- Equipped with Scania hydraulic retarder, with manual and automatic control, including water cooling system
- Equipped with cruise control

Cooling system

- Radiator with expansion tank and automatic cooling fan with hydraulic drive system

Suspension

Front axle

- Two air bellows + two shock absorbers
- Independent double wishbone suspension

Rear axle

- Four air bellows + four shock absorbers
- Electronic level control to adjust the body ground clearance. For more safety, the vehicle returns to normal level automatically when the speed exceeds 30 km/h.

Rear axle gear ratio

- 3.07:1

Brake system

- Air brake system, disc brakes
- Air brakes with independent circuit for front, rear and parking
- Anti-lock Brake System (ABS)
- Electronic Brake System (EBS)
- Traction Control (TC)
- Exhaust brake

- Electronic Stability Program (ESP)

Electrical system

- Two alternators: 150 A, 24 V
- Two batteries: 180 Ah, 12 V
- Multiplex electrical circuit system (CAN) in body equipment for reduction of wiring, ease of diagnosis and reduction of possible risks resulted from unauthorized manipulation

Tires

- Michelin/Bridgestone 315/80R22.5

Driver area

- Steering wheel, adjustable in height and rake
- The hanging accelerator and brake pedals are installed on the steering pillar for driver's comfort.
- Instrument cluster and digital tachograph
- Emergency stop
- The Retarder and Opticruise levers are integrated as a unit for driver's comfort.
- On Board diagnostic system (OBD)
- Pneumatic seat: ISRI with armrest and 3-point seat belt.

Capacities and dimension

- Number of seats:
 - Standard class: 44+1+1
 - First class: 25+1+1 with leg rest
- Passenger seat: Brusa
- Total length: 12650mm
- Total width: 2550 mm
- Total height with AC: 3840 mm
- Wheelbase: 6345 mm
- Front overhang: 2825 mm
- Rear overhang: 3480 mm
- Max. permissible weight on front axle: 7500 kg
- Max. permissible weight on rear axle: 12000 kg
- Max. permissible weight with load and passengers: 19500 kg
- Fuel capacity: 500 liters
- The driver's berth is equipped with AC, heating system, intercom phone and separate audio/visual system.

Body structure

- The ceiling is made of fiberglass in one piece for corrosion inhibition and better insulation.
- The body structure has European R66.02 Type Approval and made of steel and welded with MIG/ MAG welding apparatus.
- The body is covered with galva-

nized steel type Approval sheets and painted with epoxy paints. The underside of the floor is protected against rust and corrosion with a thick layer of corrosion preventive oil.

AC and heating system

- Dorsa is equipped with advanced AC and heating systems as follows:
 1. Roof mounted Konvekta AC and heating system with total cooling power of 44 kW and total heating power of 48 kW.
 2. Convector for the passenger area with heating power of 16 kW.
 3. Konvekta AC and heating system for the driver area with total cooling power of 8 kW and total heating power of 18 kW.
 4. AC and heating system for the driver's berth with total cooling power of 3.7 kW and total heating power of 12 kW.
 5. Auxiliary heater with heating power of 30 kW.

Audio/Visual system

- Two LCD monitors
- DVD player in the passenger area
- DVD player and 9" monitor in the driver's berth
- Possibility of equipping seats with dedicated 9" monitors
- LED Sign boxes
- Color monitor with two inputs for the rear view camera and a camera above the rear steps. It gives priority to the rear view camera.

Standard equipment

- Refrigerator and coffee machine
- Immobilizer
- Passenger's security system for the pneumatic doors
- Tempered double glazed side and rear windows
- Two exterior mirrors with heater, adjustable from inside
- Driver's power window
- Step lamps with two modes
- Electrical sun visor
- Remote control
- Fire alarm system in engine compartment

Options

- WC