



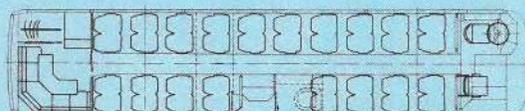
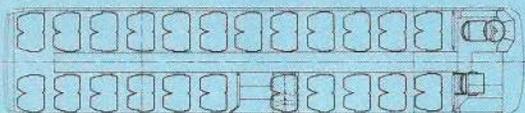
„IKARUS 254” SUPER-DE-LUXE LONG-DISTANCE COACH



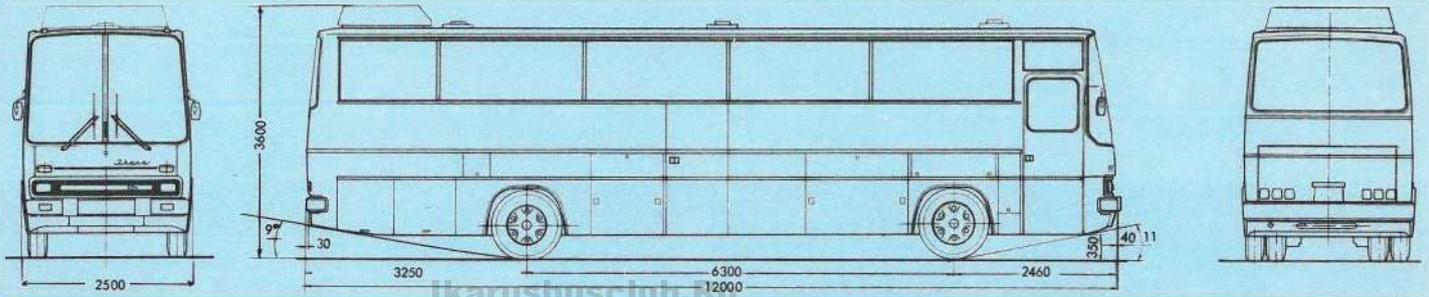
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„IKARUS 254” SUPER-DE-LUXE LONG-DISTANCE COACH



SPECIFICATIONS

Length	12,000 mm
Width	2,500 mm
Height	3,600 mm
Unladen weight $\pm 5\%$	12,400 mm
Payload	3,600 kg
Maximum gross vehicle weight	16,000 kg
Front axle weight	6,000 kg
Rear axle weight	10,000 kg
Seating capacity	36 to 46
Luggage capacity	7.5 cu. m

ENGINE

Type	RÁBA—MAN D2356 HM6U 6-cylinder in-line four-stroke direct injection horizontal water-cooled diesel
Rating (DIN)	162 kw (220 h. p.) at 2,200 rev/min.
Maximum torque (DIN)	765 N · m (78 kg · m) at 1,650 rev/min.
Cubic capacity	10,690 cu. cm.
Fuel tank capacity	240 + 150 litres
Cooling system	pump-operated water-cooled with short-circuiter temperature control thermostat
Alternator	1,500 watt, 70 amp., 28 volt
Starter	4.4 kw, 24 volt

CLUTCH

Single dry plate type
Air-assisted hydraulically operated

GEARBOX

The 6 + 1-speed gearbox is the fully synchromesh type.
Maximum speed in the 6th gear is 113,6 km/h.

FRONT AXLE

Rigid reserved Elliot axle with pivoted arm suspension.

REAR AXLE

Sheet axle housing with balanced axle shafts.

WHEELS

Wheels of „Trilex” system with 8.00—20” rim dimensions and TAURUS 10.00R20 STC radial steel tyres.

STEERING

Recirculating ball type hydraulically operated power assisted steering.
Minimum turning circle diameter is 23,8 m.

SUSPENSION

Fully air-sprung with telescopic shock absorbers.

BRAKE SYSTEM

Service brake: dual-line air-pressure brake, in front diaphragm-operated air cylinder, at the rear diaphragm-operated air cylinder with spring force storage, automatic adjustment.

Hand brake: air-operated parking brake with spring force storage.
Other brakes: exhaust brake.

CHASSIS AND BODYWORK

The chassis is a self-propelling welded square steel construction being completely integrated. It is protected with front and rear anti-roll bars built on the side frame. The whole surface of the frame structure is coated with anti-corrosion enamel. The exterior panelling is made out of steel sheet processed with Wash primer paint. The inner surface of the roof, front, rear and side panelling is of foam-backed artificial leather cemented on aluminium plate. The floor is 1-mm ribbed steel sheet and laminated board covered with „Igolit”. The inner surface of the roof and the side panelling are insulated against heat and noise.

VENTILATION AND HEATING

Air-conditioning equipment with independent engined unit.
Including evaporator located on the roof.
Cooling capacity of the air-conditioning equipment: 15,000 kcal/h
Heating capacity: 20,000 kcal/h
Air supply: 5,000 cu.m/h

Air inlet by individually adjustable ventilation and through fix vents.
Heating by thermal heating devices located under the passenger seats and independent hot-water heating equipment with a capacity of 22,000 kcal/h. Ventilation is provided by compound blowers and ventilation motors situated on the front panelling. Air suction through the left-hand side gangway channel.

SEATS

Passenger seats being steel tube frame, foam cushion, reclinable back, armrest type with textile-combined artificial leather cloth.

DOORS AND WINDOWS

2 one-leaf hinged folding doors with handle. All the windows are made of large-dimensioned tinted heat and light absorbing safety glass cemented on the frame.

INSTRUMENTS

Speedometer and distance recorder, revolution counter, cooling water temperature gauge, fuel gauge, oil-pressure gauge, ampermeter, dual-circuit air gauge, pressure gauge, time clock.

ELECTRIC SYSTEM

Operating voltage: 24 V
Battery: 2 × 12 V, 180 amp. hr
Stereo radio unit, microphone, amplifier, loudspeakers on the ceiling and incorporated in the passenger seats' back.

STANDARD ACCESSORIES

Spare wheel, tool-kit.

OPTIONAL EQUIPMENT

Toilet (CC), kitchen, cloak-room compartment, bar room, sleeping place for the driver.

RIGHT OF TECHNICAL MODIFICATIONS RESERVED!