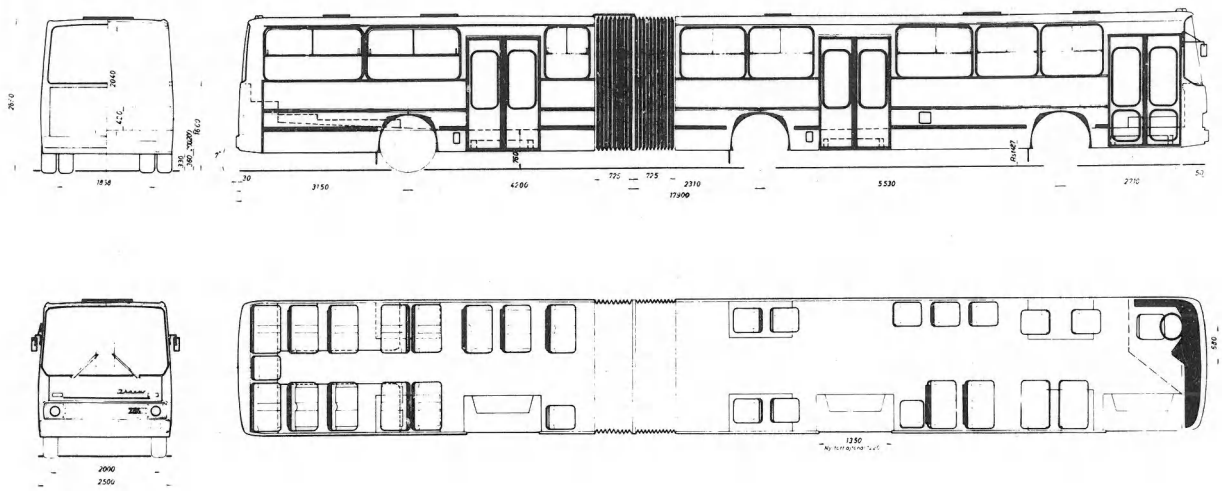

IKARUS 284 PUSHER
ARTICULATED BUS - 17,9 m
Passanger capacity: 184
Ikarus

IKARUS 284 type puser articulated bus



SPECIFICATIONS

Length	17 900	mm
Width	2 500	mm
Height	2 850	mm
Wheel-base between A and B axles	5 530	mm
" " " B and C axles	6 510	mm
Empty weight, ready to start	13 500	kg
Payload	12 500	kg
Gross vehicle weight	26 000	kg
Number of seated passengers	46	
Number of standees	138	

ENGINE

Type	RABA-M.A.N. D2156 MKT6U
System	6-cylinder, in-line, horizontal, 4-stroke, turbocharged diesel
Displacement	10.350 cu.cm
Output	174 kW at 1800/min
Maximum torque	1130 N.m at 1200/min

GEARBOX

Type: ZF 4 HP 600 hydromechanical automatic system, with 4-step forward and 1-step rear
Maximum speed: 63 km/h

AXLES

"A" axle A4-3000008 rigid axle of reversed Elliot type suspended by two longitudinal and 1 cross Panhard rods
"B" axle MVG-571.60 type rigid axle with sheet housing and ree-running wheels, suspended by two length and two "V"-arranged Panhard rods
"C" axle MVG-118.69 type rigid axle with sheet housing and balanced axle shafts, suspended by two length and two "V"-arranged Panhard rods
Total axle transmission ratio: 6,67 to 1

WHEELS

Trilex system with oblique notch and 8,00-20" rim size, Taurus 10,00R20" radial steel tyres

STEERING

CSA-069.08 recirculatory ball type, hydraulic power assisted steering
Minimum turning circle diameter: 24 m

ARTICULATION STRUCTURE AND ANTI-JACK KNIFING DEVICE

The two bodies are connected by two single-row ball crowns. Anti-jack knifing equipment is two double-operating hydraulic work cylinders controlled by sign electronically detected of angle position for the two vehicle bodies

SUSPENSION

Air spring system on all the axles, on B and C axles suspension limination by internal rubber bumpers
Taurus type air springs for rolling membranes with internal rubber bumpers and telescopic shock absorbers, two on A axle, while each four on B and C axles

BRAKE SYSTEM

Service brake: dual-line air pressure brake, trailer braking by trailer valve. On all the axles automatic brake adjustment
Parking brake: air-operated with spring force storage, acting on B and C axles
Other brakes: exhaust brake controlled through the gearbox, and hydraulically operated reduction brake

CARCASE

Self-supporting construction welded from square steel sections
The whole surface of the frame structure is coated with anti-corrosion enamel

COVERS

Exterior panelling: front wall, rear wall and roof are of pressed steel plates, while side walls made of strained steel plates. Interior panelling is finished fibre board. Flooring is laminated board covered with disc plastic material, provided with sound and vibration insulation. Exterior finish made of high-glazed, multilayer stoved enamel

VENTILATION AND HEATING

Heating in passenger saloon: by Sirocco heaters for hot water and automatic control
5 roof vents, 2 of them serving also, as emergency exits
16 sliding side windows

DOORS AND WINDOWS

Three inward swinging, two-leafed entrance doors electro-pneumatically actuated
Windows: windscreen is one-piece, tinted safety glass embedded in rubber. Side windows and those on rear wall are made of hardened safety glass embedded in rubber

SEATS

Passenger seats are steel tube frame, foam cushioned, city design ones with artificial leather covering. Seat handles are provided with teeth protection
Driver's seat is adjustable, foam cushioned with artificial leather covering textile inserted

INSTRUMENTS

Electric speedometer and kilometrage counter, revolution counter, combined instrument /voltmeter, central trouble light, turn indicator, remote light indicator, fuel level gauge, oil pressure gauge/

IKARUS BODY AND COACH BUILDING WORKS, H-1630. Budapest, Pb. 3.
EXPORT: MOGÜRT TRADING COMPANY FOR MOTOR VEHICLES, H-1391. Budapest, Pb. 249.