

POLONEZ



POLONEZ is a five-seat car offering a high level of driving safety. Double circuit brake system with braking force corrector for rear wheels reduces to a minimum a risk of skidding.

Elegant lines of its fast-back body reflect the contemporary world design trends.



Driving safety is further enhanced by the generous standard equipment of a POLONEZ:

- halogen fog lamps,
- readable, integrated taillight assembly, incorporating also fog rear lamp and back-up light,
- adjustable inclination of the steering column,
- inertia-reel seat belts,
- safety bumpers, withstanding collisions up to 5km/h without deformations,
- comfortable front seats with adjustable backrests and headrests.



POLONEZ — Safety and Comfort
— generous standard equipment, modern technology

Comfort is also durability and serviceability. In designing the POLONEZ these matters have been given a lot of consideration.

Layout of instruments and gauges on the dashboard facilitates driver's rapid orientation in technical condition of the car.



The following features also contribute to the outstanding riding comfort of the POLONEZ:

- modern engine with a toothed belt driven camshaft to reduce noise level and increase durability.
- combustion chamber, designed to meet stringent environment protection requirements, ensures a low toxicity of exhaust gases.



- hatch door, which can be unlatched from the driver's seat to provide access to the luggage compartment; total load of 400 kg (5 persons and 50kg of luggage). Hatch door stays open supported by gas springs.
- heated rear window, rear window electrical washer and wiper.

POLONEZ

SPECIFICATION

Engine

- displacement: 1300 cm³ or 1500 cm³. Arranged longitudinally in front, power output 47.8 kW (65 hp) at 5400 rpm or 55.2 kW (75 hp) at 5200 rpm, depending upon the displacement. Maximum torque 9.5 kgm at 3400 rpm or 11.7 kgm at 3300 rpm. Four in-line cylinders. Camshaft in cylinder block and driven by toothed belt, accommodated in a separate housing.
- Fuel supply by Weber carburettor, type 34 DCMP 4/250 in 1300 cm³ engine and 34 DCMP 1/250 in 1500 cm³ engine; twin-barrel, vertical carburettor with mechanically controlled throttle of the 2nd barrel, acceleration pump and manual choke.
- Liquid cooling; centrifugal pump, by-pass type thermostat in the pipe supplying coolant from the engine to radiator.

Drive train

- Dry, single plate **clutch**, mechanically controlled, with central diaphragm spring.
- **Gearbox** (4 speeds + reverse) arranged in line with the engine. Forward speeds fully synchromeshed. Gear ratios: 1st — 3.753, 2nd — 2.132, 3rd — 1.378, 4th — 1, reverse — 3.867.
- Two-part **propeller shaft** with universal joint in the middle and with flexible centre support bracket.
- Final drive with hypoidal bevel gears, semi-axles of the driving type.

Suspension

- **Front**: independent, wishbones, coil springs and telescopic shock absorbers acting on top wishbones. Stabilizer and torsion bars mounted to bottom wishbones. Steering pins lubricated for life.
- **Rear**: live, rigid axle mounted to the bodywork on three-leaf springs, two longitudinal control rods. Hydraulic telescopic shock absorbers.

Steering system

- Sectional steering column with two universal joints facilitating adjustments of its inclination. Symmetrical track rods with ball joints lubricated for life. Turning radius 5500 mm. Disc wheels with 5J-13" rims. Tyres 175 SR 13 made under Uniroyal licence.

Brake system

- Double circuit hydraulic system. Disc brakes on four wheels. Automatic adjustment of clearance between pads and brake discs. Brake force corrector for rear wheel brakes. Brake system, failure warning light.

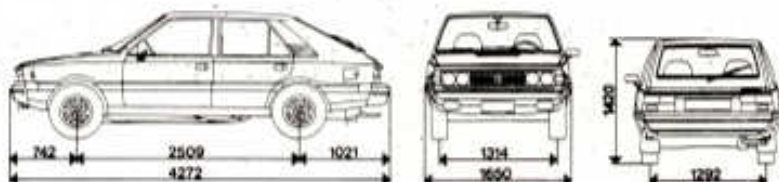
Electrical system

- Voltage 12 V. 600 W alternator, rated current 44A, built-in voltage regulator. 45 Ah battery. 1.5 kW starter with electromagnetic relay switch and free wheel. 80 W radiator cooling fan motor, controlled by thermostatic switch. 20 W heater blower two-speed motor. Fuse box arranged in the glove compartment.

Performances

- Maximum speeds, fully laden car, run-in engine: 1st gear — 41 km/h; 2nd — 75 km/h; 3rd — 115 km/h; 4th — 140 km/h or 145 km/h for 1500 cm³ engine; reverse — 39 km/h or 41 km/h for 1500 cm³ engine.
- Maximum load — 400 kg (5 persons and 50 kg of luggage).
- Fuel tank capacity — 45 l
- Fuel — Octane number: 94 (RM)
- Dimensions — length — 4272 mm
width — 1650 mm
height — 1420 mm
- Kerb weight 1140 kg

Manufacturer reserves the right to introduce any changes without a prior notice.



Manufacturer:
FABRYKA SAMOCHODÓW
OSOBOWYCH
Stalingradzka 50
03-215 Warszawa, POLAND
Phone: 11-02-11, 11-22-11
Telex: 814571 fso pl



Exporter:
POL-MOT
Foreign Trade Enterprise
for Automotive Industry
Stalingradzka 23
03-468 Warszawa, POLAND
Phone: 11-00-01
Telex: 813901, 813514, 813621 pomo pl