



NYSA

MICROBUS

M-522

Microbus NYSA M-522 is a tested vehicle designed for, comfortable, safe, fast and inexpensive transportation of people.

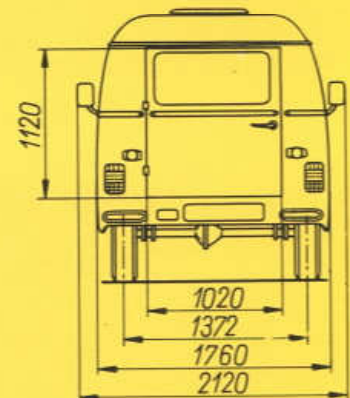
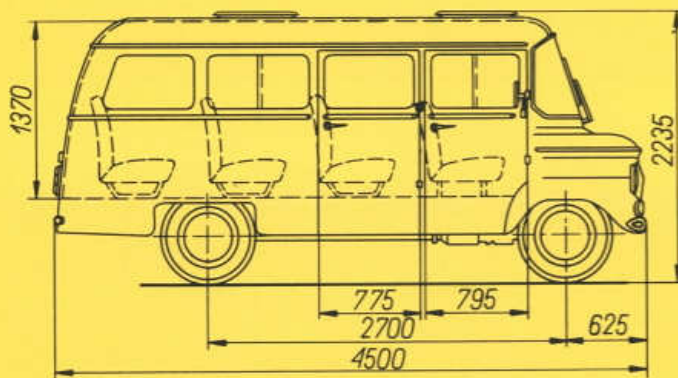
Comfort of riding is ensured by ingenious construction of the undercarriage and the body. Independent front suspension with coil springs and live rear axle with half-elliptic leaf springs ensure smooth riding over all streets and all classes of country roads. Nine passengers find comfortable seats in three double chairs and three single chairs. The passenger compartment is fairly high and equipped with a system of double doors on the sides to facilitate getting on and off the microbus. The vehicle has a third door in the rear which additionally gives an access to a luggage compartment. Ten large panes, covering approximately one third of the vehicle surface, give convenient outlook on the landscape. Two vents in the

roof and sliding panes in four windows make up an efficient system of ventilation. Two heaters ensure adequate interior heating even at low outside temperatures. The upholstery on the seats and inner walls is made of plastic that can be easily washed.

Safety of riding is guaranteed by an un failing double circuit brake system with a servo and good illumination system consisting of asymmetrical headlights, integrated tail lights and interior light sources. The two front seats are equipped with safety belts catches.

Speed of riding – up to 100 km/h – means that the car can be driven at the upper speed limit of permissible travelling speed in most countries nowadays.

Overhead valve engine developing 77 hp gives good pick-up and ensures good short distance speed in the city traffic.



Inexpensive transportation of nine persons is obtained by low fuel consumption: approx. 13 l per 100 km, which means below 1,5 l of gasoline per person with portable luggage over 100 km.

Comfortable, safe, fast and inexpensive – NYSA M-522 is best suited to transport people over short and medium distances: from a hotel to a railroad station or an airport, on sight-seeing tours, as a multi-person taxi-cab or as a business executive van. Along with the merits perceptible to those who will use it, the driver and mechanic will find that NYSA M-522 can be easily serviced. All vital parts of the engine: oil and air filters, carburettor and valves, are easily accessible both from the outside after the hood has been lifted and from the inside when the inner hood with its attachment has been opened.

TECHNICAL CHARACTERISTICS

Number of seats	10
Capacity (number of transported people)	675 kg = 9 persons
Weight	1730 kg
Maximum admissible weight	2500 kg
Dimensions	4500 × 2120 × 2235 mm
Maximum speed	95 km/h
Fuel consumption (mean)	13 l/100 km
Fuel tank capacity	55 l
Cooling system capacity	10,5 l
Lubrication system capacity	6 l
Amount of oil in gearbox	1,6 l
Amount of oil in rear axle	1,1 l
Engine	
Type and model of engine	S-21 four-stroke, over-head valves
Maximum output at 4000 rpm acc. to SAE/DIN	77/70 hp

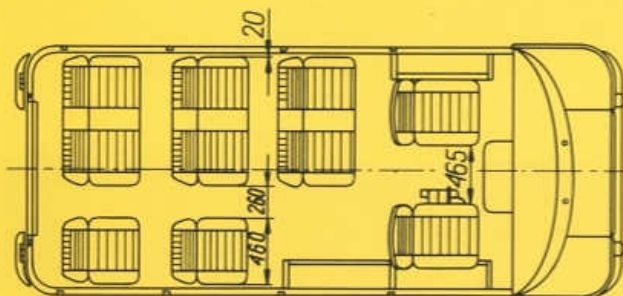
Maximum torque at 2500 rpm	15 KGm
Cylinder bore/piston travel	82/100 mm
Number and arrangement of cylinders	4 in a row
Cubic capacity	2120 cm ³
Compression ratio	7,5
Type of ignition	spark
Fuel pump	diaphragm
Carburettor	Weber
Cooling system	water
Lubrication	pump-and-splash
Electric system Voltage	12 V
Number/capacity of batteries	1/50 Ah
Headlights	asymmetrical

Undercarriage

Clutch	single disk, dry, mechanically controlled
Number of gears	4 + 1
Synchronized gears	I, II, III, IV
Final drive	one-step, conical
Transmission ratio of final drive	5,125
Suspension: front	independent, coil springs
rear	live axle, half-elliptic leaf springs
Wheelbase	2700 mm
Track of wheels	1365/1372 mm
Tires	6,5–16"
Main brake	footbrake, hydraulic with servo, double circuit
Parking brake	manual, mechanical, applied to rear wheels

Body

Type of body	metal, closed
Number of doors	4





Manufacturer:

**FABRYKA SAMOCHODÓW
DOSTAWCZYCH
NYS A - POLAND**



Export-Import

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