



Multi-Purpose Vehicle Programme 4 x 4

LD 2002
A Fr 6/Mz
A Fr 7/Mz



IFA mobile-DDR

IFA – ROBUR

Multi-Purpose Vehicle

Programme 4 x 4

LD 2002 – AFr 6/Mz

LD 2002 – AFr 7/Mz

The ROBUR-Multi-Purpose Vehicle Programm 4 x 4 offers different variants of commercial vehicles of middle size – universally usable – for transporting persons or persons with outfits on paved and unpaved roads and in cross-country.

The conception – subdivision of the cabinet in passenger compartment and loading compartment by one solid partition – enables to choose the correct vehicle variant for every special case; it also permits the equipment as special vehicle, for example as mobile workshop or ambulance vehicle. The drawing 29 00 689-00.4, attached as enclosure, gives a survey of the possible combinations. The vehicles are especially provided for the operation in farming and forestry likewise, however, they are adapted to the use in large building-sites, with geological exploration and expeditions.

The robust construction and single attendance are characteristic. The cooling system and material inventory guarantee the operation under different climatic conditions; the adaptation to special operational cases and country-specific conditions is possible. As regards countries with left-hand traffic, for instance, execution for right-hand steering may be delivered.

The following technical data refer to the ROBUR-Multi-Purpose Vehicle LD 2002 – AFr 7/Mz 8; deviating details thereof for the vehicle variants are shown in the tables 1 till 3.

Our ROBUR-specialists will help you regarding choice and are every time at your disposal as advisers!

Weights	
Total weight	5500 kg
Unladen weight (without driver), with tools and accessories, full fuel tank	3540 kg
Payload, total	1960 kg
Portion area load	1100 kg
Permissible axle load, front	2400 kg
Permissible axle load, rear	3200 kg
Permissible towed-load	2100 kg

Dimensions	
Length of vehicle	5880 mm
Width of vehicle	2405 mm
Height of vehicle, unladen	2900 mm
Height of loading area, unladen	950 mm
Wheel base	3270 mm
Track gauge, front	1636 mm
Track gauge, rear	1664 mm
Overhang, front	1200 mm
Overhang, rear	1400 mm
Overhang angle, front	38°
Overhang angle, rear	26°
Ground clearance, loaded	270 mm
Diameter of reversing circle	14,4 m
Loading space, internal measures	
Length	1760 mm
Width	2150 mm
Height	1680 mm
Height, roof dome	1850 mm
Loading area	3,4 m ²
Loading volume	5,8 m ³

Driving performances	
Max. speed	80 km/h
Hill climbing ability	50 ‰
Fuel tank	90 l

Engine	
Type	4 VD 12,5/10-3 SRL
Working method	air cooled 4-stroke Diesel engine
Power, revolutions	50 kW (DIN) 68 PS (DIN), 2600 r.p.m.
Torque, revolutions	216 Nm (DIN) 22 kpm (DIN), 1800 r.p.m.
Bore	100 mm
Stroke	125 mm
Number of cylinders, arrangement	4, in line
Displacement	3,927 dm ³
Cooling system	air, oil radiator in air box
Oil strainer	paper oil filter in main current
Fuel filter	step filter coarse, fine

Air filter	oil-bath air filter with cyclone
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Clutch	
Single dry-plate clutch with torsional vibration absorber, hydraulically-acted	
Change-speed gear	
5 forward speeds, 1 reverse speed	
2nd – 5th speed synchronized	
Transmission ratio	
	1st 7,62
	2nd 4,60
	3rd 2,43
	4th 1,47
	5th 1,00
	R 7,06

Power take-off gear	
Two-stage, road – cross-country	
Transmission ratio	road 1,00 cross-country 1,80

All-wheel drive, engageable at choice

Axle gear	
Bevel-wheel differential gear	
Transmission ratio	5,83

Axles	
Rigid, front and rear	
Wheel formula 4 x 4	

Cushioning and vibration absorber	
Longitudinal leaf spring, front and rear	
Telescopic vibration absorber, front and rear	

Tires	
Number	4 + 1
Dimension	10-20/8 PR
Drop-centre rim	9 x 20

Brake system	
Pedal brake	hydraulic two-circuit brake, vacuum amplification at the rear axle and load-sensitive pressure transmission device
Parking brake	cable brake, mechanically-working, acting on rear axle

Steering	
Recirculating ball steering	
Transmission ratio	24

Chassis	
Chassis, made of U-shaped profiles and tubular cross beams, welded, fixed to the body	
Bolt coupling, front, traction eyelet for towing-off	
Trailer coupling, rear, hook-type coupling	

Electrical equipment	
Voltage	12 V
Battery	2 x 12 V, 105 Ah
Dynamo	14 V, 42 A three-phase current

Multi-purpose body
Forward control chassis – All-steel body, made of box- and light-weight profiles, welded, with creased outside coating and chamfered rear, with roof dome for a standing height of 1850 mm, divided by one solid partition in passenger- and loading area

Passenger compartment
8 seats (with driver)
driver's seat – oscillating seat, adjustable to weight of driver
co-driver's seat adjustable
Plane, divided wind-screen, made of multi-disc safety glass
Heating device, depending on engine, wind-screen heated
Additional heating device for passenger compartment by means of Diesel-foreign heating
Ventilation of passenger compartment by means of ventilator airing flaps
Passenger door, lockable, entrance over tread in body
Partition to loading area with luggage space at the side to passenger compartment
Wall covering inside, washable
Floor, wood with floor-covering PVC

Loading area
Door to loading area in rear wall, double-wing door – swivelling for 180°, to be fixed with 90° and 180°, lockable
Door lock control with display on instrument board
Lighting of loading area
Without wall covering inside, with protective ledges
Floor, wood with floor covering PVC
Spare wheel, standing behind left-hand, fixed

Additional equipment
Towing rod
Extinguisher
Reverse lamp
Fog rear lamp
Lateral direction-indicator lamp
Lateral reflector, amber-yellow
Searchlight
Protective grating in front of headlight, reverse- and direction indicator against broken stone
Two-sound horn
Casement curtains
Spare tank for fuel

Table 1 – Weights

Vehicle variant	Unladen weight (without driver)			Perm. number of person	Total weight			Payload Total kg	Perm. loading area load kg
	Total kg	Front kg	Rear kg		Total kg	Front kg	Rear kg		
LD 2002 – AFr 7/Mz	3,440	1,850	1,590	2	5,500	2,400	3,200	2,060	1,700
LD 2002 – AFr 7/Mz 2	3,440	1,850	1,590	2	5,500	2,400	3,200	2,060	1,700
LD 2002 – AFr 7/Mz 5	3,490	1,880	1,610	5	5,500	2,400	3,200	2,010	1,500
LD 2002 – AFr 7/Mz 8	3,440	1,900	1,640	8	5,500	2,400	3,200	1,960	1,100
LD 2002 – AFr 7/Mz 11	3,590	1,900	1,690	11	5,500	2,400	3,200	1,910	900
LD 2002 – AFr 6/Mz 17	3,700	1,870	1,830	17	5,500	2,400	3,200	1,800	—

Table 2 – Dimensions of loading area

Vehicle variant	Loading area (inside)				Loading area m ²	Loading volume m ³
	Length	Width	Height			
	mm	mm	mm	m ²		
LD 2002 – AFr 7/Mz	3,900	1,970	1,680	7.7	12.9	
LD 2002 – AFr 7/Mz 2	3,900	1,970	1,680	7.7	12.9	
LD 2002 – AFr 7/Mz 5	2,640	1,970	1,680	5.2	8.7	
LD 2002 – AFr 7/Mz 8	1,760	1,970	1,680	3.4	5.8	
LD 2002 – AFr 7/Mz 11	1,170	1,970	1,680	2.3	3.8	
LD 2002 – AFr 6/Mz 17	—	—	—	—	—	

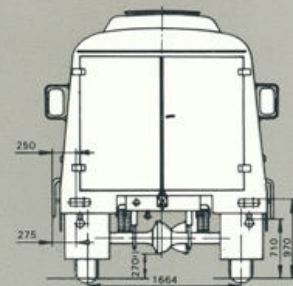
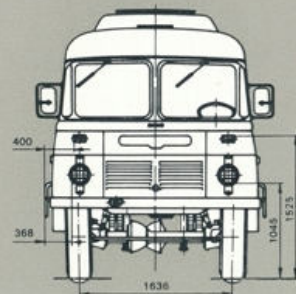
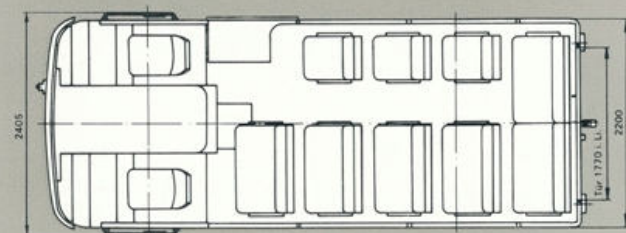
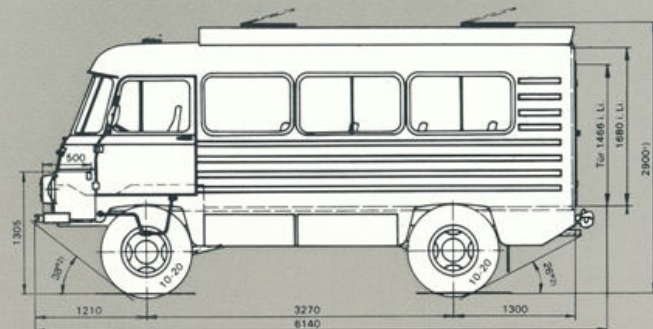
Table 3 – Combination tyre-axle gears

Tyres	Max. speed (km/h) with axle gear transmission	
	5.83	6.17
10 – 20 Vehicle type LD 2002 – AFr 7/Mz	80	75
7.50 – 20 Vehicle type LD 2002 – 2 AFr 7/Mz	80	75
12.5 – 20 Vehicle type LD 2002 – 3 AFr 7/Mz	82	77

Variants

Besides of the shown variant there are the following possibilities of variation:
 Petrol engine, air-cooled
 55 kW (DIN), 75 PS (DIN) with 2.800 r. p. m.
 Tyres 12,5 – 20 (see table 3)
 Axle gear 6.17 (see table 3)
 Tropical execution with special heat insulation, without heating device, with sliding windows and electric ventilators
 Right-hand steering

LD 2002 – RAFr 6/Mz
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Multi-Purpose Vehicle Programme 4x4

LD 2002

A Fr 6/Mz 17



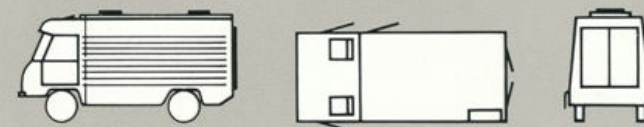
A Fr 7/Mz 5



A Fr 7/Mz 11



A Fr 7/Mz 2



A Fr 7/Mz 8



A Fr 7/Mz




Hersteller :

Exporteur :

Händler :



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 Betrieb des IFA-KOMBINATES
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