



Frontlenker-Lastkraftwagen Pluto 200 FE-L

Forward Control Truck Pluto 200 FE-L

New designation Magirus 200 D 19 FL



Technical Specifications Forward Control Truck Pluto 200 FE-L

New designation Magirus 200 D 19 FL

Engine	
Engine type	F8L 714
Cycle	4-stroke
Combustion system	turbulence chamber
Number of cylinders	8, in V
Bore	120 mms (4 ³ / ₄ ins)
Stroke	140 mms (5 ¹ / ₂ ins)
Piston displacement	12667 cm ³ (773 cu.ins)
Max. output (bare engine)	220 PS at 2300 rpm*
Automotive output (acc. to DIN 70020)	200 PS at 2300 rpm*
Max. torque	72 mkgs (521 ft. lbs) at 1300 rpm
Cooling system	aircooling
Oil cooler	fitted to engine
Transmission	
Clutch	single-dry-plate clutch
Gearbox	ZF make, type AK 6-70
Rear axle	ZF driving axle with cast axle beam
Chassis	
Springs	semi-elliptic springs, shock absorbers in front
Steering	ZF standard power-assisted steering, with steering column shift
Lubrication	grease lubrication
Foot brake	internal-expanding four-wheel brake, pneumatic brake in rear, hydraulic brake with air pressure assistance in front
Hand brake	mechanically acting on rear wheels
Third brake	engine exhaust brake
Wheels	steel disc wheels
Tyres	12.00-20 Super PR 16, single in front, twin in rear
Fuel tank	200 litres (44 galls)

	Weights	with long distance forward control driver's cab	with standard forward control driver's cab
Chassis with driver's cab	6005 kgs (13293 lbs)**)	5855 kgs (12908 lbs)**)	
Carrying capacity of chassis	13805 kgs (30435 lbs)		
Body and payload	12995 kgs (28649 lbs)	13145 kgs (28982 lbs)	
Permissible gross vehicle weight	19000 kgs (41887 lbs)		
Max. trailer load	19000 kgs (41887 lbs)		
Permissible gross combined weight	38000 kgs (83774 lbs)	38000 kgs (83774 lbs)	

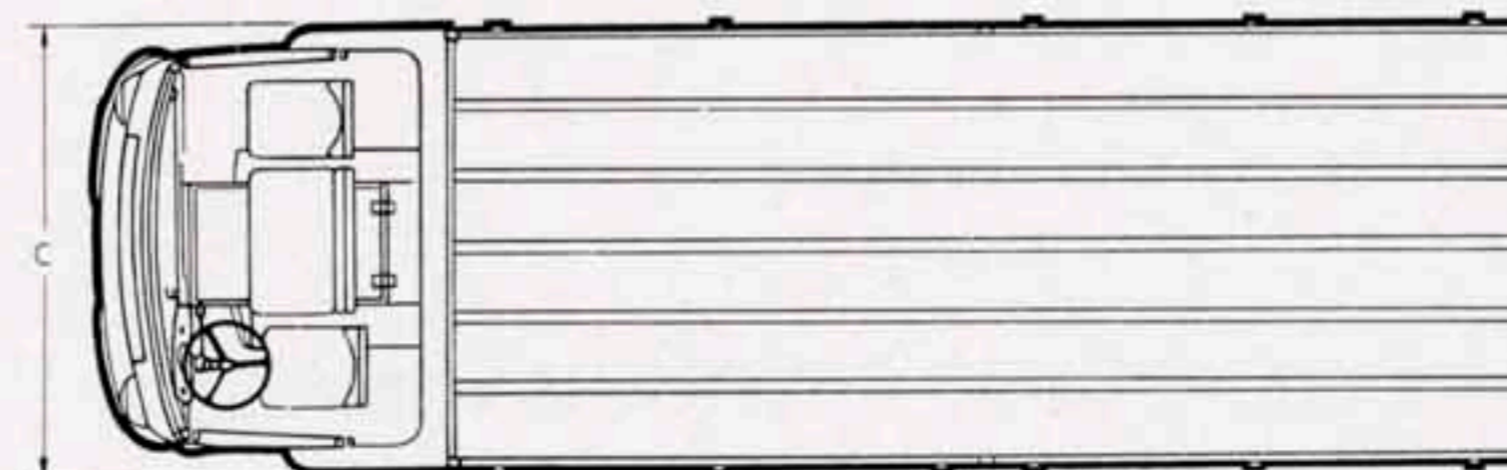
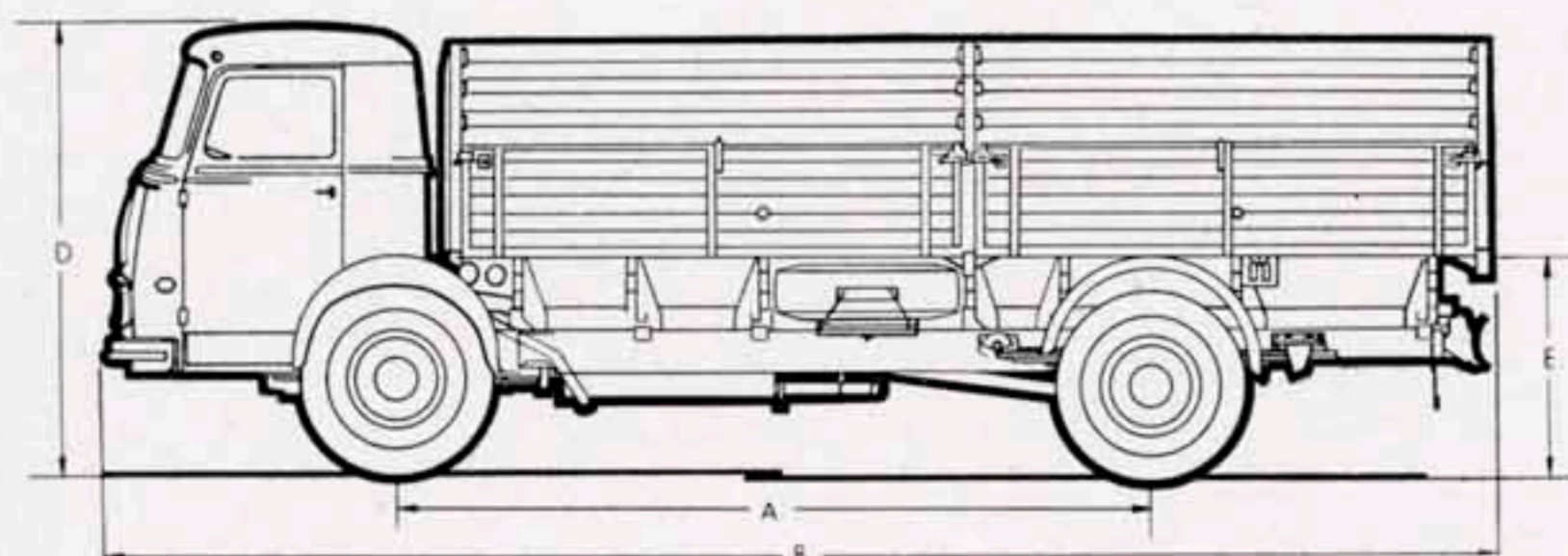
Dimensions			
Wheelbase (A)	5000 mms (196 ⁷ / ₈ ins)	5000 mms (196 ⁷ / ₈ ins)	
Clearance circle, approx.	19.9 m (65.3 feet)		
Track, front	1967 mms (77 ¹ / ₂ ins)		
rear	1780 mms (70 ¹ / ₁₆ ins)		
Overall length (B)	9470 mms (372 ¹³ / ₁₆ ins)	9670 mms (380 ¹¹ / ₁₆ ins)	
Overall width (C)	2500 mms (98 ⁷ / ₁₆ ins)	2500 mms (98 ⁷ / ₁₆ ins)	
Overall height, unladen (D)	2750 mms (108 ¹ / ₄ ins)	2650 mms (104 ⁵ / ₁₆ ins)	
Height of platform, unladen (E)	1490 mms (58 ¹¹ / ₁₆ ins)		
Inside dimensions of platform:			
length	7000 mms (275 ⁹ / ₁₆ ins)	7500 mms (295 ⁵ / ₁₆ ins)	
width	2420 mms (95 ¹ / ₄ ins)	2420 mms (95 ¹ / ₄ ins)	
height	810 mms (31 ⁷ / ₈ ins)	810 mms (31 ⁷ / ₈ ins)	
incl. stake			
body extensions	1200 mms (47 ¹ / ₄ ins)	1200 mms (47 ¹ / ₄ ins)	

Driving performance and consumption

Max. speed, approx.	76.0 km/h (47.2 mph)
Gradability in 1st gear, approx.	36.2%
Fuel consumption (acc. to DIN 70030), approx.	26 litres/100 kms (10.9 miles/gallon)
Oil consumption, approx.	0.5 litre/100 kms (0.18 gallon/100 miles)

*) Output reduction: approx. 1% per each 100 metres (328 ft) above sea level
approx. 1% per each 2° C (4° F) over 20° C (68° F)

***) incl. 260 kgs (573 lbs) for driver, spare wheel, tools, and accessories



Technical specifications meet DIN 70020 and DIN 70030 (DIN = German Industrial Standards) in accordance with VDA Revers (VDA = Association of German Automobile Manufacturers)

Specifications and equipment subject to change without notice