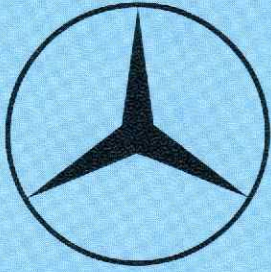


Mercedes-Benz



Technical data

**1613**

Perm. GVW 16 tons  
Diesel engine  
96 kW – 130 HP/DIN  
with direct injection



**Type 1613**

		with normal driver's cab	with long driver's cab	with normal driver's cab	with long driver's cab	with normal driver's cab	with long driver's cab	with normal driver's cab	with long driver's cab
Wheelbase	in./mm	153.5/3,900	153.5/3,900	177.2/4,500	177.2/4,500	204.7/5,200	204.7/5,200	232.3/5,900	232.3/5,900
Turning circle	ft./m	51.18/15.60	51.18/15.60	57.42/17.50	57.42/17.50	64.64/19.70	64.64/19.70	71.85/21.90	71.85/21.90

**Weights in lbs./kg for chassis**

	with normal driver's cab	with long driver's cab	with normal driver's cab	with long driver's cab	with normal driver's cab	with long driver's cab	with normal driver's cab	with long driver's cab
Chassis with driver's cab, tools and spare tyre	10,119/ 4,590	10,560/ 4,790	10,251/ 4,650	10,692/ 4,850	10,428/ 4,730	10,869/ 4,939	10,582/ 4,800	11,023/ 5,000
Playload and body allowance	24,989/11,335	24,584/11,135	24,857/11,275	24,416/11,075	24,681/11,195	25,240/10,995	24,526/11,125	24,085/10,925
Front axle load	13,228/ 6,000	13,228/ 6,000	13,228/ 6,000	13,228/ 6,000	13,228/ 6,000	13,228/ 6,000	13,228/ 6,000	13,228/ 6,000
Rear axle load	22,046/10,000	22,046/10,000	22,046/10,000	22,046/10,000	22,046/10,000	22,046/10,000	22,046/10,000	22,046/10,000
Perm. GVW	35,274/16,000	35,274/16,000	35,274/16,000	35,274/16,000	35,274/16,000	35,274/16,000	35,274/16,000	35,274/16,000

**Mercedes-Benz diesel engine**

Type	Mercedes-Benz OM 352
No. of cylinders	6
Bore/stroke	97/128 mm, 3.81/5.04 in.
Displacement	5,675 ccm, 346 cu. in.
Output DIN <sup>1)</sup>	130 HP at 2,800 rpm, 96 kW at 2,800 rpm
Max. torque DIN	37 mkp at 2,000 rpm, 363 Nm at 2,000 rpm
Starter motor	4 HP/12 V
Three-phase generator	14 V/55 A

**Chassis**

Clutch	single-plate dry clutch
Gearbox	MB-synchromesh gearbox G 3/50-5/8.5
Axle reduction	6,143
Wheels	disc wheels, rim 7.5 x 22.5
Tyres	11 R 22.5
Fuel tank capacity	105 litres
Battery	1 x 12 V/143 Ah
Voltage of consumers	12 V

**Max. speed**

at max. engine speed	88 kmph/54.68 mph
----------------------	-------------------

**Max. gradient ability**

At altitudes of up to 1,000 metres above sea level, in 1st gear with maximum torque and a perm. GVW of 16 tons	20%
--	-----

**Optional**

Rear axle reduction	5,714 or 6,857
---------------------	----------------

<sup>1)</sup> The output stated in HP or kW (acc. to DIN 70 020) is effectively available at the clutch to drive the vehicle, as any other power consumption has already been deducted. The data specified in SI units (kW = kilowatt, Nm = Newtonmetre) have been converted and rounded off to the nearest unit.

Technical data acc. to DIN 70 020. Contents not binding; subject to modification.