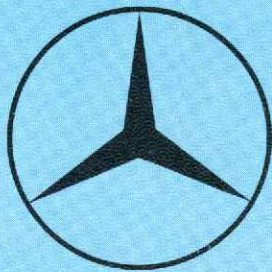


Mercedes-Benz



Technical data

**1213**

Perm. GVW 11.8 tons  
Perm. GCW 21,6 tons  
Diesel engine  
96 kW – 130 HP/DIN  
with direct injection



Type 1213		with normal 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	with normal driver's cab	with long driver's cab
Wheelbase	in./mm	126/3,200	141.7/3,600	141.7/3,600	165.4/4,200	165.4/4,200	189.0/4,800	189.0/4,800	204.7/5,200	204.7/5,200
Turning circle	ft./m	42.00/12.80	45.61/13.90	45.61/13.90	51.51/15.70	51.51/15.70	57.42/17.50	57.42/17.50	61.35/18.70	61.35/18.70

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

Chassis with driver's cab, tools and spare tyre	9,303/ 4,220	9,370/ 4,250	9,811/ 4,450	9,502/ 4,310	9,943/ 4,510	9,634/ 4,370	10,075/ 4,570	9,711/ 4,405	10,152/ 4,605
Payload and body allowance	16,546/ 7,505	16,479/ 7,475	16,039/ 7,275	16,347/ 7,415	15,906/ 7,215	16,215/ 7,355	15,774/ 7,155	16,138/ 7,320	15,697/ 7,120
Front axle load	9,039/ 4,100	9,039/ 4,100	9,039/ 4,100	9,039/ 4,100	9,039/ 4,100	9,039/ 4,100	9,039/ 4,100	9,039/ 4,100	9,039/ 4,100
Rear axle load	16,976/ 7,700	16,976/ 7,700	16,976/ 7,700	16,976/ 7,700	16,976/ 7,700	16,976/ 7,700	16,976/ 7,700	16,976/ 7,700	16,976/ 7,700
Perm. GVW	26,014/11,800	26,014/11,800	26,014/11,800	26,014/11,800	26,014/11,800	26,014/11,800	26,014/11,800	26,014/11,800	26,014/11,800
Perm. GCW	47,620/21,600	47,620/21,600	47,620/21,600	47,620/21,600	47,620/21,600	47,620/21,600	47,620/21,600	47,620/21,600	47,620/21,600

**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/35 A

**Chassis**

Clutch	single-plate dry clutch
Gearbox	MB-synchromesh gearbox G 3/50-5/8.5
Axle reduction	5,714
Wheels	disc wheels, rim 6 x 22.5
Tyres	9 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	87 kmph/54.06 mph
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**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 11.8 tons	30%
Gradient ability with trailer with a perm. GCW of 21.6 tons	15%

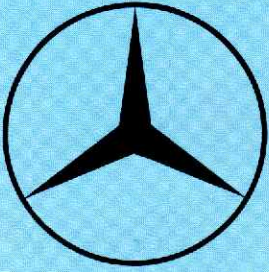
**Optional**

Rear axle reduction	4,875 or 6,143
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<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.

Mercedes-Benz



Technical data

# 1213 A

Perm. GVW 11.8 tons  
 Perm. GCW 21.6 tons  
 Diesel engine  
 96 kW – 130 HP/DIN  
 with direct injection

### Type 1213 A

<b>Wheelbase</b>	in./mm	126/3,200	141.7/3,600
<b>Turning circle</b>	ft./m	49.54/15.10	54.46/16.60

### Weights in lbs./kg for chassis

Chassis with driver's cab, tools and spare tyre	10,086/ 4,575	10,152/ 4,605
<b>Playload and body allowance</b>	15,763/ 7,150	15,697/ 7,120
Front axle load	9,480/ 4,300	9,480/ 4,300
Rear axle load	16,976/ 7,700	16,976/ 7,700
Perm. GVW	26,014/11,800	26,014/11,800
Perm. GCW	47,620/21,600	47,620/21,600

### 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	12 V/35 A

### Chassis

Clutch	single-plate dry clutch
Gearbox	MB-synchromesh gearbox G 3/50-5/8.5
Axle reduction	6,875
Wheels	disc wheels, rim 7.5 x 22.5
Tyres	10 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	73 kmph/45.36 mph
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### 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 11.8 tons	
On-road	36%
Off-road	61%
Gradient ability with trailer with a perm. GCW of 21.6 tons	
On-road	18%
Off-road	29%

### Optional

Rear axle reduction	5,714 or 6,143
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<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.