



## Technical data

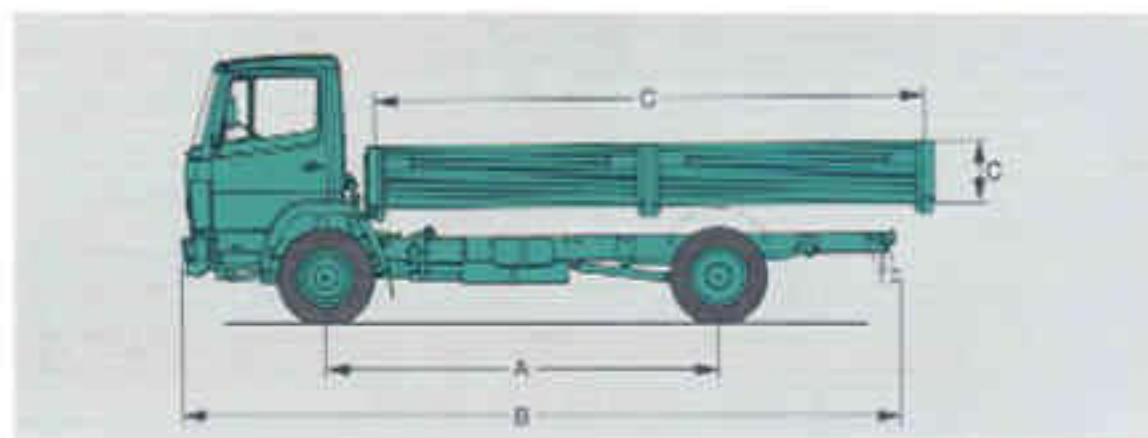
Mercedes-Benz  
dropsiders  
9.2 tonnes perm.  
gross vehicle weight  
18 tonnes perm.  
gross combination weight

914

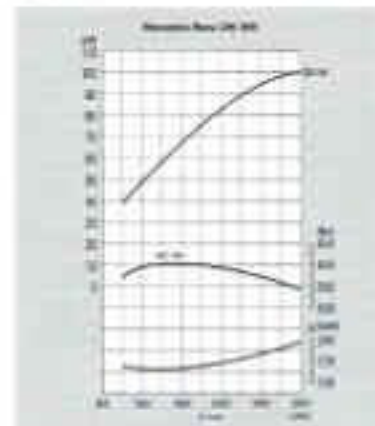


# The 914 with 100 kw (136 hp) engine.

With its low chassis weight and robust 6-cylinder engine the 914 is the ideal base for special bodies. Four wheelbase versions cater for a large range of body versions. The long cab is optionally available for three of these versions.



Mileage of kilometers of road testing have proved the stamina of the new OM 366.



The new engine generation achieves maximum torque at as low as 1400/min.



Mercedes-Benz 5-speed synchromesh gearbox G 2-10.

Measurements	with standard cab	with standard cab	with standard cab	with standard cab
A Wheelbase	2130 mm	3130 mm	4230 mm	4930 mm
B Chassis length to frame end	5570 mm	6590 mm	7530 mm	8000 mm
C Body measurements in mm	4000 x 2060 x 300	5700 x 2060 x 300	6700 x 2060 x 300	7000 x 2260 x 300
Turning circle	12.30 m	13.70 m	15.30 m	17.70 m

Chassis weights in kg	with standard cab	with standard cab	with standard cab	with standard cab
Chassis with cab, tool and spare wheel	5115	6175	7115	7775
Payload - body	6085	6035	5985	5925
Front axle load	2500	3100	4100	4300
Rear axle load	4250	4900	4885	4700
perm. GVW	6700	8000	9200	9700
perm. GCW	15950	18000	18200	19200

### Mercedes-Benz diesel engine

Type	Mercedes-Benz OM 366
Cylinders	6
Bore x stroke	97 x 132 mm
Displacement	2850 cm <sup>3</sup>
Output	100 kw (136 hp) at 1800/min
Max. torque	432 Nm (317 lb-ft) at 1400-1500/min
Compression	24:1
Three-phase generator	28 kW/30 A

Max. climbing ability 25 % at speeds up to 1000 or above top level at 1st gear at maximum torque and with a perm. GCW of 9.2.

Climbing ability with trailer with a perm. GCW of 10.

### Chassis

Quam	Slope-over dry clutch MF 7-12
Gearbox	Synch. gearbox MD G 2-10-5/15
Axle ratio type	A 2.116.0
Wheels	4x8 (1.5 x 8.25)
Tyres	210/75 R 17 8L
Fuel tank	125 l
Wiring	2 x 12V/16A/1A
Consumer voltage	24 V

Max. speed 132 km/h at max. engine speed

### Optional

Rear axle ratio 2.9 / 2.9 / 3.1  
 Upfits with long cab is also available for the wheelbases 4700, 4950 and 5200 mm.  
 Automatic handbrake  
 Latching device

For models with the long cab, the 600 kg chassis weight (chassis weight including fuel tank) is recommended.

The power plant is 100 and 140 kW, with 30, 120, 150 and 180 kW effective power at the rear for driving the vehicle. Any other power consumption has already been included. The body is 100, 140, 180, 210, 240, 270, 300, 330, 360, 390, 420, 450, 480, 510, 540, 570, 600, 630, 660, 690, 720, 750, 780, 810, 840, 870, 900, 930, 960, 990, 1020, 1050, 1080, 1110, 1140, 1170, 1200, 1230, 1260, 1290, 1320, 1350, 1380, 1410, 1440, 1470, 1500, 1530, 1560, 1590, 1620, 1650, 1680, 1710, 1740, 1770, 1800, 1830, 1860, 1890, 1920, 1950, 1980, 2010, 2040, 2070, 2100, 2130, 2160, 2190, 2220, 2250, 2280, 2310, 2340, 2370, 2400, 2430, 2460, 2490, 2520, 2550, 2580, 2610, 2640, 2670, 2700, 2730, 2760, 2790, 2820, 2850, 2880, 2910, 2940, 2970, 3000, 3030, 3060, 3090, 3120, 3150, 3180, 3210, 3240, 3270, 3300, 3330, 3360, 3390, 3420, 3450, 3480, 3510, 3540, 3570, 3600, 3630, 3660, 3690, 3720, 3750, 3780, 3810, 3840, 3870, 3900, 3930, 3960, 3990, 4020, 4050, 4080, 4110, 4140, 4170, 4200, 4230, 4260, 4290, 4320, 4350, 4380, 4410, 4440, 4470, 4500, 4530, 4560, 4590, 4620, 4650, 4680, 4710, 4740, 4770, 4800, 4830, 4860, 4890, 4920, 4950, 4980, 5010, 5040, 5070, 5100, 5130, 5160, 5190, 5220, 5250, 5280, 5310, 5340, 5370, 5400, 5430, 5460, 5490, 5520, 5550, 5580, 5610, 5640, 5670, 5700, 5730, 5760, 5790, 5820, 5850, 5880, 5910, 5940, 5970, 6000, 6030, 6060, 6090, 6120, 6150, 6180, 6210, 6240, 6270, 6300, 6330, 6360, 6390, 6420, 6450, 6480, 6510, 6540, 6570, 6600, 6630, 6660, 6690, 6720, 6750, 6780, 6810, 6840, 6870, 6900, 6930, 6960, 6990, 7020, 7050, 7080, 7110, 7140, 7170, 7200, 7230, 7260, 7290, 7320, 7350, 7380, 7410, 7440, 7470, 7500, 7530, 7560, 7590, 7620, 7650, 7680, 7710, 7740, 7770, 7800, 7830, 7860, 7890, 7920, 7950, 7980, 8010, 8040, 8070, 8100, 8130, 8160, 8190, 8220, 8250, 8280, 8310, 8340, 8370, 8400, 8430, 8460, 8490, 8520, 8550, 8580, 8610, 8640, 8670, 8700, 8730, 8760, 8790, 8820, 8850, 8880, 8910, 8940, 8970, 9000, 9030, 9060, 9090, 9120, 9150, 9180, 9210, 9240, 9270, 9300, 9330, 9360, 9390, 9420, 9450, 9480, 9510, 9540, 9570, 9600, 9630, 9660, 9690, 9720, 9750, 9780, 9810, 9840, 9870, 9900, 9930, 9960, 9990.



## Top class engineering and design.

### The vehicle.

This weight category completes the new range of 6.5 to 13 tonne max. perm. GVW vehicles. Vehicles which are carefully designed for economy and high performance and are therefore equally attractive for both operators and drivers. Developed with the knowledge of the problems involved and in constant consultation with drivers and operators. With improved drive train and recently developed low-consumption engines. Requires very little maintenance and the long life of all the parts minimizes operation costs and makes for an extremely economical vehicle.



### The cab.

The tilting cab of the new 6.5 - 13 tonne trucks has been designed to the latest ergonomic standards. All controls are clearly laid out and easy to reach and the non-dazzle instruments are well within the driver's field of vision. The seats can be adjusted to find the ideal driving position. Two cab versions are

available: the standard cab and the long cab. Two bunks are standard in the long cab and an additional bunk or a bench-seat can be fitted optionally. The cab can be tilted forward and locked easily and safely.



tilt (also for inspections etc.) is reduced by tilting seats giving easy access to the engine.

Designed to the latest ergonomic standards. The ideal work-place for effortless driving.

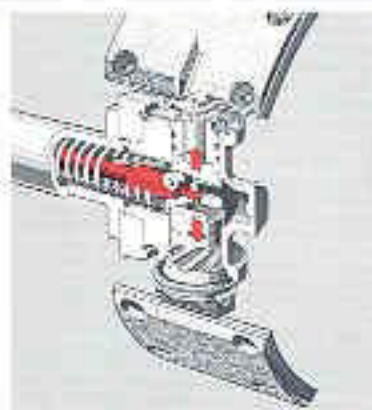


### The engine.

The new engines in the 6.5 to 13 tonners are more economical and less harmful to the environment. Reductions in fuel consumption and exhaust emission and an increase in max. torque at the same time make these engines stand out from the rest. A guarantee for longer life. 2000 hours on the testbed and over 5 million kilometres of road testing have proved the stamina of these engines.



The green zone, always in view, is an important aid to economical driving.



The new Simplex wedge brakes and integral parking brake. Self adjusting.

### The brakes.

The twin-circuit compressed air braking system is an innovation in this weight category. It is equipped with Simplex wedge brakes and an integral parking brake. The brake shoes are self-adjusting by means of the wedge mechanism. The brake system is simple and requires very little maintenance.

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