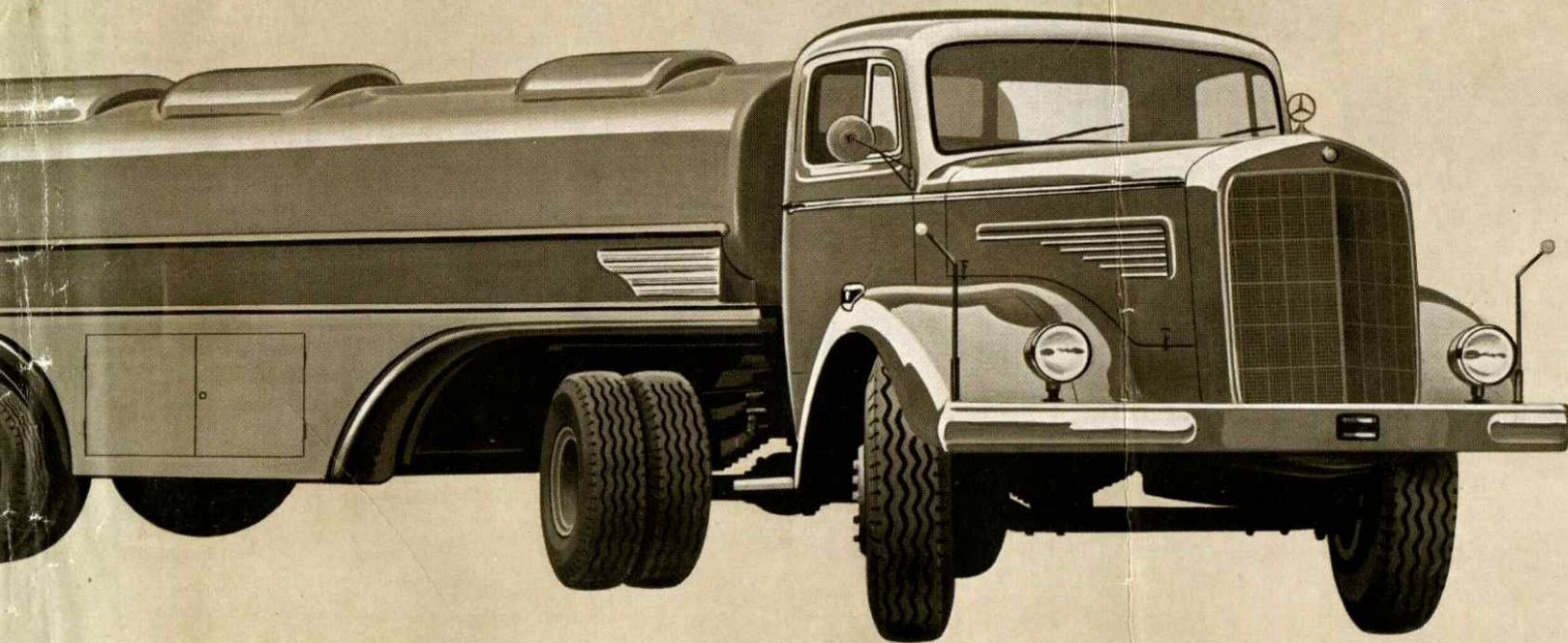


MERCEDES-BENZ

L
LK
LS

332



High speed and a favourable payload factor as well as robustness and power are the main features of truck type L 332, which account for its excellent tractive power and driving safety.

A 6-cylinder Diesel engine developing 165 gr. HP makes the L 332 a truck of great power and remarkably good acceleration even when loaded to capacity.

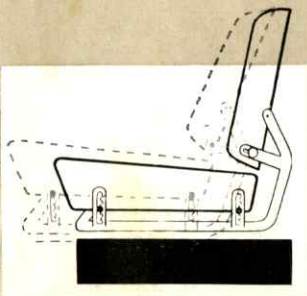
A frame consisting of sturdy U-section members forms a backbone of high loading capacity and flexibility for this truck.

Many vital structural elements of other well-proved Mercedes-Benz trucks have been taken over and developed for this type. It is these features that give the owner of the L 332 a feeling of never failing dependability.

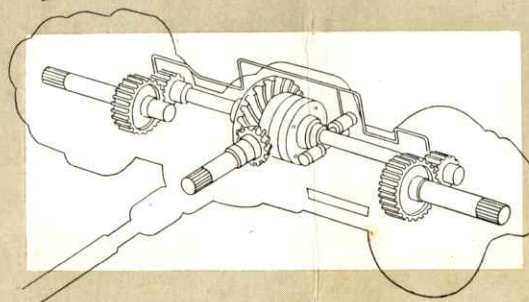
Upon special request it can be delivered with an all-synchromesh gearbox and power gearshift, which will reduce the shifting process to a minimum and facilitate selection of gears.

Two independent brake systems — a compressed-air four-wheel brake and a ratchet-type hand brake — make this truck easy and safe to handle in all traffic situations. Reliability and durability of the truck are even improved by an exhaust brake which can be delivered upon special request. Design and equipment of the driver's cab offer many conveniences to the driver. A warm-air heating with blower and an effective sound insulation help him to enjoy his work.

Three versions — a dropside body truck with two wheelbases, a dump truck and a truck trailer with one wheelbase each — permit the owner of truck type L 332 to use it for all kinds of haulage jobs.

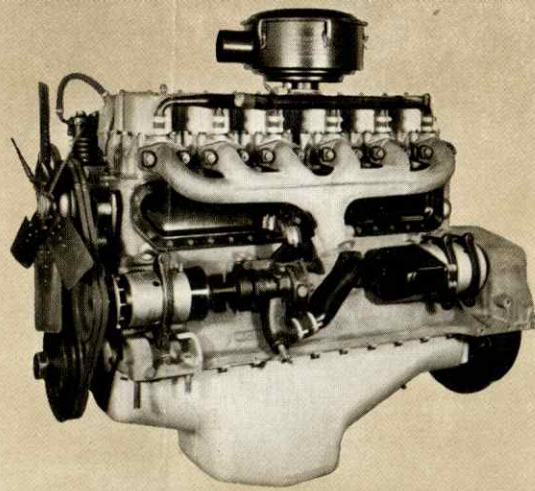


The individual driver's seat can be adjusted in horizontal direction, while the backrest can be arrested in various positions, so that it can be adapted to offer any comfort to the driver. The upholstery is covered with porous, breathing leatherette.



The rear axle, a sturdy steel forging, holds in its central part the differential gear with helical ring gear and pinion. This gear has been combined with a gear oil pump which provides an invariably effective lubrication of the spur gear hub drives.

The engine OM 326.11 with an output of 165 gr. HP gives the L 332 the power to handle even heavy transports. Its novel design — individual cylinder heads vertically arranged and each equipped with two intake and two exhaust valves — offers various essential advantages: Fuel injection is exactly metered. Combustion is perfect and quiet and leaves no residues, thus ensuring a long service life of the engine. Fuel consumption is kept low and engine running is exceptionally smooth. Chromium-plated top piston rings reduce wear of the cylinder walls; the crankshaft moves in seven hardened lead-bronze bearings. The cooling system of the engine is effectively controlled by a thermostat, whereas an oil heat exchanger serves to maintain the most favourable temperature of the lubricants. Another two factors which are responsible for the longevity of the engine.



Engine

Model	OM 326.11
Number of cylinders	6
Bore	5.039 ins. (128 mm)
Stroke	5.512 ins. (140 mm)
Total piston displacement	659,63 cu. ins. (10,810 c.c.)
Output SAE*	165 gross HP/2,000 n
Output DIN*	150 HP/2,000 n
Compression ratio	20,5
Capacity of cooling system	
Imp./US gals. (ltrs.)	approx. 9/11 (40 ltrs.)
Capacity of crankcase in	
Imp./US gals. (ltrs.)	min. 2/2.4 (9 ltrs.), max. 2.6/3.2 (12 ltrs.)
Starter motor	6 HP/24 volts
Generator, voltage regulating	300 watt/12 volts

Chassis

Clutch	single-plate dry clutch
Transmission, 6-gear transmission (6 forward gears, 1 reverse gear)	
Power transmission	divided drive shaft
Rear axle reduction	5.85 (6.67)
Foot brake	compressed-air four-wheel brake
Hand brake	pistol-grip hand brake acting on rear wheels
Wheels	disc wheels
Tires	front single, rear double Michelin Metallic F 20
Fuel tank capacity Imp./US gals.	30 ¹ / ₄ /37 (140 ltrs.)
Battery	2 units, 12 volts/135 Ah
Voltage of consumers	12 volts, starter motor 24 volts
Lubrication	sole lubrication, nipples

Speeds

Speed in 1st gear at max. engine torque	2.9 m.p.h.	(4.7 km/h)
Speeds with max. engine revolutions		
1st gear	4 ¹ / ₂ m.p.h.	(7.5 km/h)
2nd gear	7 ³ / ₄ m.p.h.	(12.5 km/h)
3rd gear	11 ¹ / ₂ m.p.h.	(18.0 km/h)
4th gear	17 ³ / ₈ m.p.h.	(28.0 km/h)
5th gear	26 ³ / ₈ m.p.h.	(43.0 km/h)
6th gear	approx. 42 ¹ / ₄ m.p.h.	(68.0 km/h)

Climbing ability without trailer in altitudes up to 6,560 ft. (2000 m)

above sea level at max. engine torque and ² / ₃ of max. speed	
1st gear	1 in 3.2 (31.0 %)
2nd gear	1 in 5.9 (16.9 %)
3rd gear	1 in 9.1 (11.0 %)
4th gear	1 in 15.4 (6.5 %)
5th gear	1 in 27.0 (3.7 %)
6th gear	1 in 58.8 (1.7 %)

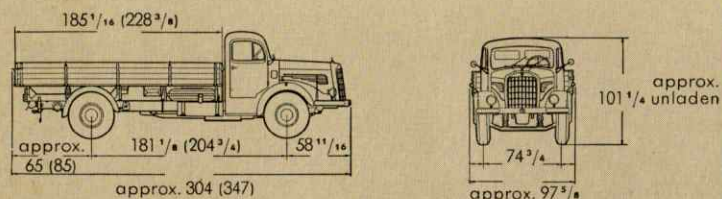
Climbing ability with twin axle semi trailer at a total train weight of 73,790 lbs. (33,500 kg)

1st gear	1 in 6.7 (15.0 %)
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* The output stated in PS for the operation of the vehicle is effectively available at the clutch after the power required for auxiliary units has been deducted. The output quoted in gross-horsepowers does not include auxiliary performances not required for driving the engine.

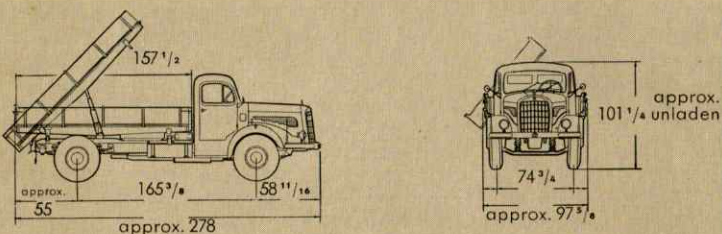
Design and equipment subject to modifications.

Dimensions in inches



Weights L 332

Wheelbase	ins. (mm)	181 ¹ / ₁₆ (4 600)	204 ³ / ₄ (5 200)
Chassis, ready for operation	lbs. (kg)	11,050 (5 015)	11,135 (5 055)
Chassis loading capacity	lbs. (kg)	27,500 (12 485)	27,415 (12 445)
Empty weight with driver	lbs. (kg)	13,770 (6 250)	14,385 (6 530)
Permissible total weight	lbs. (kg)	38,550 (17 500)	38,550 (17 500)
Permissible front axle load	lbs. (kg)	11,020 (5 000)	11,020 (5 000)
Permissible rear axle load	lbs. (kg)	27,530 (12 500)	27,530 (12 500)

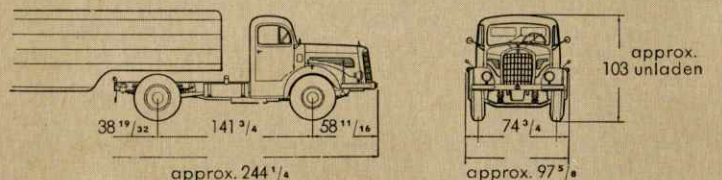


Weights LK 332

Chassis, ready for operation	lbs. (kg)	11,020 (5 005)
Chassis loading capacity	lbs. (kg)	27,530 (12 495)
Empty weight with driver	lbs. (kg)	14,930 (6 780)
Permissible total weight	lbs. (kg)	38,550 (17 500)
Permissible front axle load	lbs. (kg)	11,020 (5 000)
Permissible rear axle load	lbs. (kg)	27,530 (12 500)

Weights LS 332

Chassis, ready for operation	lbs. (kg)	11,070 (5 025)
Chassis loading capacity	lbs. (kg)	27,480 (12 475)
Empty weight with driver,		
w/o. semi-trailer	lbs. (kg)	12,335 (5 600)
Semi-trailer load incl. semi-trailer	lbs. (kg)	26,215 (11 900)
Permissible total weight	lbs. (kg)	38,550 (17 500)
Permissible total weight of truck tractor		
with twin-axle trailer	lbs. (kg)	73,790 (33 500)
Permissible front axle load	lbs. (kg)	11,020 (5 000)
Permissible rear axle load	lbs. (kg)	27,530 (12 500)
Center of the 5th wheel in front of rear axle max. ins (mm) 22 ¹ / ₁₆ (560)		



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Work Gaggenau