

**Mercedes-Benz
ATEGO Rigid Trucks
9.5 & 10.5t GVW
177 BHP**

**918
1018
EURO III**

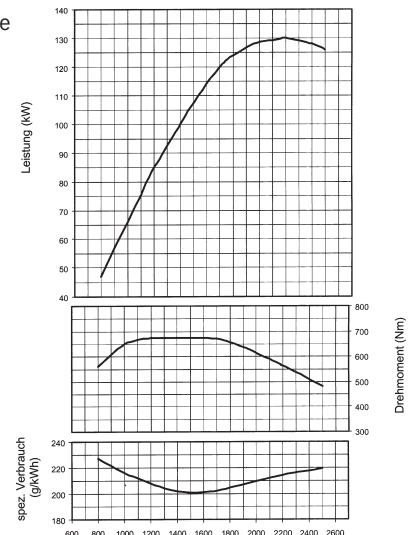


Mercedes-Benz

ENGINE

918, 1018

Type	Mercedes-Benz OM904LA 4.25 litre turbo-intercooled 4 cylinder direct injection diesel to Euro 3 and ERGA noise standards
Max. power	130kW @ 2200 rpm 177bhp @ 2200 rpm
Max. torque	675Nm @ 1200-1600 rpm 498lbft @ 1200-1600 rpm
Bore	102 mm
Stroke	130 mm
Capacity	4.25 litres
Control	Electronic engine management
Fuel injection	Direct injection via unit injectors
Cooling	Water cooled with viscous fan
Immobiliser	Standard
Engine brake	Constant throttle with butterfly

Performance
Curves

TRANSMISSION

Gearbox and Gearbox Ratios

Type	MB G60-6 6 speed synchromesh
1st	9.20
2nd	5.23
3rd	3.15
4th	2.03
5th	1.37
6th	1.00
Reverse	8.65

Clutch

Type	Hydraulically operated single dry plate
Diameter	362 mm

Wheels & Tyres

Wheels	6.75 x 17.5
Tyres	235/75R 17.5
Spare Wheel and carrier	Optional

Rear Axle Ratios & Performance

Model	918	1018	1018L
Gross Vehicle Weight (kg)	9500	10500	10500
Standard axle ratio	3.154:1	3.154:1	3.308:1
Governed speed (mph)	60	60	60
Engine revs at governed speed	2090	2090	2190
Gradeability 1st gear rolling	50%	45%	47%
Optional axle ratio	2.923:1	2.923:1	2.923:1
Governed speed (mph)	60	60	60
Engine revs at governed speed	1935	1935	1935
Gradeability 1st gear rolling	46%	41%	41%

Other axle ratios may be available on request

Axles

Front - type	Mercedes-Benz rigid stub
- capacity	4000 kg
Rear - type	Mercedes-Benz hypoid
- capacity	6200 kg (918) 7000 kg (1018)

CHASSIS

Brakes

Front/Rear Service	-Disc brakes (335mm dia) -Dual circuit air system -Self adjusting -Air dryer
Secondary/ Parking	-Progressive rear spring brake actuators
Load sensing	-Rear axle

Suspension

Front axle:	-Parabolic leaf springs -Double acting shock absorbers -Stabiliser
Rear axle:	-Parabolic dual rate leaf springs -Double acting shock absorbers -Stabiliser
Rear axle: (Optional)	-Air suspension -Twin bellow rolling lobe -Single leaf guide spring -Control valve +120 mm, -80 mm -Double acting shock absorbers -Stabiliser -Electronic level adjustment

CHASSIS

Steering

Type	-Recirculating ball -Integral power assistance -Variable ratio -Steering column lock -Adjustable column
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Fuel Tank

Capacity	- 125 litre plastic tank - Locking fuel cap
Mounting	- Right side of chassis

Other Features

- 2 piece ladder frame, high tensile steel
- Channel section sidemembers
- Z section cab mounting frame
- Rear wings
- Front and rear spray suppression
- Side and rear underride guards

Electrical Systems (featuring CAN bus technology)

Voltage	24 volt, negative earth	Road lights	- Halogen headlamps - Headlamp levelling - Side lights - Roof marker lights - Side marker lights - Reversing lights - Indicator side repeaters - Rear fog lamp
Battery	2 x 12 volt 115Ah		
Alternator	28 volt/80 amp		
Warning indicators	- ABS - Engine oil pressure - Battery no charge - Main beam/flasher - Direction indicators - Engine pre-heater - Brake pressure - Parking brake - Rear fog lamp - Hazard lights - Cab tilt lock - Brake lining wear - Engine brake	Electronic Function check	- Air Filter condition - Air reservoir condensation - Brake pad wear - Coolant level - Engine oil level and pressure - Obligatory lightbulbs - Washer bottle level

CAB

Construction

- All steel day cab of welded construction
- Cross cab access
- Extensive sound and heat insulation
- Torsion bar tilt with safety catch
- Cab tilt angle 55°
- 3 piece plastic bumper with step
- Front towing pin
- Steel roof hatch
- 3 point spring suspension
- 92° door opening angle

Controls

- Heater/demister with multiple outlets to windscreen and door windows
- Fresh air vents in dashboard
- Recirculating air switch
- 4-speed fan
- Directional air flow switch
- Keystart with steering lock
- Left hand stalk for indicators, main beam, headlamp flasher and horn, 2-speed wipers, intermittent wipe and wash/wipe
- Right hand stalk for engine brake
- Switch for body interior light
- Hazard warning lights
- Light switch inc. rear fog lamp
- Headlamp levelling
- Electric passenger window
- Parking brake on console beside driver seat

Service Access

- Access through front service panel for:
- Clutch fluid
 - Engine coolant
 - Engine oil

Trim

- Moulded facia and padded steering wheel
- Cloth covered headlining and cab rear panel
- Insulated floor and engine tunnel cover
- Plastic moulding with integral arm rest on doors
- Entry grab handles

Visibility

- Laminated windscreen
- Deep opening side windows
- Manual window winder on driver's side
- Electric window on passenger side
- 2 large exterior heated rear view mirrors
- Electrically adjustable mirrors
- 2 sun visors split 1/3, 2/3
- Wide angle mirror on passenger side

Instruments

- 2 man/1 day auto electronic tachograph inc. analogue clock
- Rev counter
- Fuel gauge
- Air pressure gauges
- Water temperature gauge
- Telligent display panel
- Odometer in kilometres

Stowage

- Oddments tray below dashboard
- Passenger glove box
- Pockets in both doors
- Coat hook mounted on rear panel
- Clip board tray and bottle/flask holder
- Nets on cab rear wall
- Recesses in windscreen header
- Removeable rubbish bin
- Fold out table in facia

Seating

- 4-way adjustable driver and single passenger seat
- Centre seat with fore/aft and backrest adjustment, backrest folds down as table with cup recesses
- Headrests and 3 point seatbelts

CAB

Standard cab colour

Arctic White

Refinements

- Truckline CC40 radio cassette
- Interior lights with door operated switches
- Centrally mounted ashtray with lid
- Cigar lighter
- 2 foldaway cup/can holders
- Map reading lights

Protection & Finish

- | | |
|-------------|---------------------------|
| Paint | - Gloss paint finish |
| | - Nova grey chassis |
| | - Silver wheels |
| Underbody | - Seam and cavity sealing |
| | - Underbody sealing |
| | - Part galvanised panels |
| | - Plastic wings |
| | - Plastic trim panels |
| Entry steps | - Non-slip metal |

Sleeper cab (optional) (L)

- One bunk with stowage underneath
- Reading light above bunk
- Curtains all round
- Hydraulic cab tilt
- 4 point spring suspension
- 50 litre lockable storage box on chassis
- Night heater

High Roof Sleeper cab (optional) (LR)

- As L cab, plus:
- High roof
 - Additional storage capacity above windscreen
 - Electric glass tilting sunroof
 - 2 coat hooks
 - External sunvisor
 - 3 internal sunvisors

OPTIONS

- | | |
|---|---|
| <ul style="list-style-type: none">- 180 litre fuel tank- 280 litre fuel tank- 380 litre fuel tank- 165Ah Batteries- Additional 24v Socket in cab- Various PTO's- Rear axle air suspension (change of axle on 1018)- Day cab with extended rear wall (SE)- Heavy duty rear stabiliser- Chassis side skirt behind rear axle- Air deflector (roof mounted)- Trailer towing package- ASR- Differential lock- Hydraulic cab tilt with 4 point cab suspension (day cab)- Spare wheel, tyre and carrier- Tempomat (cruise control)- Electric driver's window- Windows in cab rear wall- Heated windscreen- Tinted glass- Electric glass sunroof- External sunvisor- Speedline cast aluminium wheels | <ul style="list-style-type: none">- Aluminium air reservoirs- Rear side windows in sleeper cab- 100 amp alternator- Four man bench seat in sleeper cab- Air suspension seats- Omission of centre seat- Central locking- Driver air bag (only with air suspension driver seat)- Air conditioning- Headlamp washers- Heated brake air dryer- Halogen front foglamps- Sleeper cab with single bunk (L)- High roof sleeper cab with one or two bunks (LR)- 50 litre lockable storage box on chassis (not with 3020mm wheelbase)- Tipper Package comprising:<ul style="list-style-type: none">- Cab rear windows- Differential lock- Rear closing cross member- Deletion of rear frame extension- Deletion of rear underride guard- Deletion of rear wings and spray suppression |
|---|---|

WEIGHTS FOR OPTIONAL EQUIPMENT

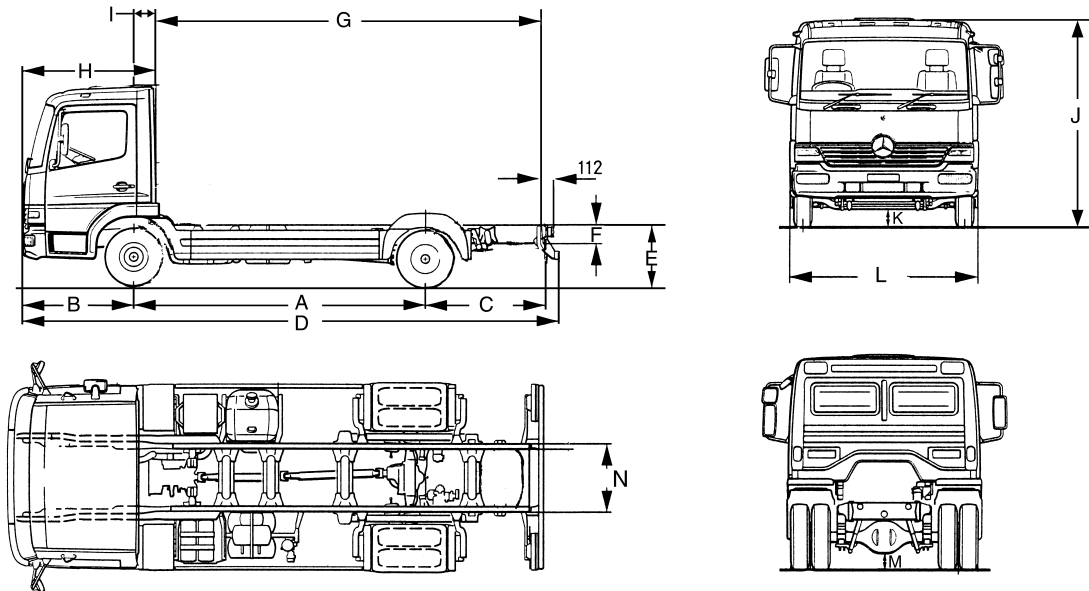
Weights (kg)

Component		Front	Rear	Total
Differential lock		0	+10	+10
Rear axle air suspension	- 918	0	+20	+20
	- 1018	0	+100	+100
Trailer towing package		+5	+10	+15
Heated brake air dryer		+6	+4	+10
Aluminium air reservoirs		-15	-10	-25
Omission of front spray suppression		-5	0	-5
Chassis side skirts behind rear axle		0	+20	+20
Partial omission of chassis side guards		-15	-25	-40
Heavy duty rear stabiliser		0	0	0
Omission of rear under ride guard		0	-25	-25
Electric glass sunroof - tilting with screen		+10	0	+10
165Ah batteries ilo 115Ah		+15	+5	+20
Rear side windows in sleeper cab		+10	0	+10
Electric driver window		+3	0	+3
Roof air deflector (day cab only)		+30	0	+30
Roof air deflector for 3.7m bodies (high roof sleeper cab only)		+30	0	+30
Roof air deflector for 4.0m bodies (high roof sleeper cab only)		+30	0	+30
Single bunk sleeper cab ilo day cab		+130	0	+130
High roof single bunk sleeper cab ilo day cab		+200	0	+200
Extended rear wall and hydraulic tilt for day cab		+25	0	+25
Hydraulic tilt for day cab		+5	0	+5
Roof air deflector (sleeper cab)		+35	0	+35
Windows in cab rear wall		+10	0	+10
Headlamp washers		+5	0	+5
External sunvisor		+10	0	+10
Air conditioning		+20	0	+20
Delete cab night heater		-10	0	-10
Vertical exhaust tailpipe behind cab		+10	0	+10
Fuel tank full (125 litre)		+50	+45	+95
Fuel tank full (180 litre)		+75	+70	+145
Fuel tank full (280 litre)		+120	+115	+235
Fuel tank full (380 litre)		+160	+165	+325
180l plastic tank ilo 125l plastic (empty)		+3	+3	+6
180l + 100l plastic tanks ilo 125l plastic (empty)		+10	+10	+20
180l + 100l + 100l plastic tanks ilo 125l plastic (empty)		+17	+17	+34
Front fog lamps		+5	0	+5
PTO for pump mounting NA 60-1c	(6 speed gearbox)	+5	0	+5
PTO flange drive NA 60-2b (slow)	(6 speed gearbox)	+12	0	+12
PTO flange drive NA 60-2b (medium)	(6 speed gearbox)	+12	0	+12
PTO for pump mounting NA 60-2c	(6 speed gearbox)	+10	0	+10
Engine front mounted PTO		+10	0	+10
Omission of rear wings		0	-23	-23
Speedline alloy wheels 6.75 x 17.5 all round*		-21	-42	-63
Spare wheel carrier under rear of frame		0	+25	+25
Spare wheel and tyre		0	+50	+50
Air suspension passenger seat		+20	0	+20
Air suspension driver seat		+20	0	+20
Upper bunk		+20	0	+20
Omission of centre seat		-30	0	-30
Four man bench seat ilo bunk in sleeper cab		+55	0	+55
Lockable storage box on chassis frame		+5	0	+5
Tipper package		+5	-58	-53
Driver		+75	0	+75

*In lieu of same size steel rims.

Component weights are provided as a guide but may vary according to manufacturing tolerances.

WEIGHTS & DIMENSIONS



Dimensions (mm)

	918	918	918	918	918	1018	1018	1018	1018	1018
A Wheelbase	3020	3320	3620	4220	4820	3020	3320	3620	4220	4820
B Front overhang	1380	1380	1380	1380	1380	1380	1380	1380	1380	1380
C Rear overhang (day cab)	1535	1685	1885	2285	2685	1535	1685	1885	2285	2685
Rear overhang (sleeper cab)	-	1685	1485	1885	2285	-	1685	1485	1885	2285
D Overall length (day cab)	6025	6565	7065	8065	9065	6025	6565	7065	8065	9065
Overall length (sleeper cab)	-	6565	6665	7665	8665	-	6565	6665	7665	8665
E Frame height at rear axle (steel susp.)	880	880	880	880	880	906	906	906	906	906
Frame height at rear axle (air susp.)	-	-	831	831	831	-	-	834	834	834
F Frame depth	230	230	230	230	232	230	230	230	230	232
G Back of cab to end of frame (day cab)	4285	4735	5235	6235	7235	4285	4735	5235	6235	7235
Back of cab to end of frame (sleeper cab)	-	4135	4235	5235	6235	-	4135	4235	5235	6235
H Bumper to back of cab	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
I Cab rear to f/axle (day cab)	270	270	270	270	270	270	270	270	270	270
Cab rear to f/axle (sleeper cab)	-	870	870	870	870	-	870	870	870	870
J Overall height (unladen)	2545	2545	2545	2545	2545	2551	2551	2551	2551	2551
K Ground clearance front	195	195	195	195	195	195	195	195	195	195
L Width over cab	2311	2311	2311	2311	2311	2311	2311	2311	2311	2311
M Ground clearance rear	183	183	183	183	183	183	183	183	183	183
N Frame width	850	850	850	850	852	850	850	850	850	852
Turning circle (wall to wall) m	12.3	13.2	14.1	16.0	17.8	12.3	13.2	14.1	16.0	17.8

Minimum cab gap: Day Cab = 100 mm, Sleeper Cab = 80 mm

Weights (kg)

	918	918	918	918	918	1018	1018	1018	1018	1018
Wheelbase	3020	3320	3620	4220	4820	3020	3320	3620	4220	4820
Plated Weights										
GVW	9500	9500	9500	9500	9500	10500	10500	10500	10500	10500
GTW (overun brakes)	13000	13000	13000	13000	13000	14000	14000	14000	14000	14000
GTW (full airbrakes)	21000	21000	21000	21000	21000	21000	21000	21000	21000	21000
Front axle	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000
Rear axle	6200	6200	6200	6200	6200	7000	7000	7000	7000	7000
Kerb Weights (Steel Suspension)										
Front axle	2460	2460	2470	2480	2490	2470	2470	2480	2480	2500
Rear axle	1000	1010	1050	1080	1160	1030	1040	1080	1120	1180
Total	3460	3470	3520	3560	3650	3500	3510	3560	3600	3680
Body/Payload	6040	6030	5980	5940	5850	7000	6990	6940	6900	6820

Weights and dimensions are to standard specification with 20 litres of fuel, oil, water, tools, rear underride guard, chassis side guards, rear wings and spray suppression.

Kerb weights are subject to a manufacturing tolerance of $\pm 2\%$.

The right is reserved to alter specification or equipment without notice.

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