

# UNIMOG.

The most important technical data at a glance.



Even more detailed information on the vehicle concepts, features and technical data:  
[defence.mercedes-benz-trucks.com](https://defence.mercedes-benz-trucks.com)

Type	U 4023	U 5023	U 4000	U 5000
Vehicle length (mm)	5,950	5,950	5,350/5,950	5,400/6,000
Vehicle width (mm)	2,340	2,402	2,336	2,354
Vehicle height (mm)*	2,760	2,873	2,657	2,731
Wheelbase (mm)	3,850	3,850	3,250/3,850	3,250/3,850
Ground clearance (mm)	410	460	420	490
Angle of approach (°)* / Angle of departure (°)*	41/45	46/50	41/45	45/49
Ramp angle (°)* / Tilt angle (°)*	27/38	36/38	35/38	35/41
Turning circle (m) curb to curb	16.3	16.4	14.5/16.4	14.5/16.3
Cab	single cab/crew cab	single cab/crew cab	single cab/crew cab	single cab/crew cab
Seats	up to 7	up to 7	up to 7	up to 7
Battery capacity (Ah)*	100/170	100/170	74/100/125	74/100/125
Generator output (A)	150	150	100	100
Tank volume (l)	145/220	145/220	145/180	145/180
Max. power according to DIN (kW (hp))	170 (231)	170 (231)	130 (177)/163 (222)	163 (222)
Max. torque (Nm)	900	900	675/810	810
Max. permissible gross weight (t)	7.5/9.8	12.5/12.7/13.0	7.5/9.5	12.5/13.0
Max. payload (t)	2.5	4.5	3.0	5.0
Permissible gross train weight (t)	18.7/25.7	31.0/34.0	18.7/23.7	30.0/32.0
Euro norm	VI	VI	III/V	III/V
Gearshift type	electric, automatic shift (EAS)	electric, automatic shift (EAS)	electric, pneumatic shift (EPS)	electric, pneumatic shift (EPS)
Gearbox	UG 100-8	UG 100-8	UG 100-8	UG 100-8
Displacement (cm <sup>3</sup> )	5,132	5,132	4,800	4,800
Engine / cylinders	OM 934 / 4	OM 934 / 4	OM 924 LA / 4	OM 924 LA / 4
Axle type	portal axle			
Front axle load (min-max) (t)	4.1 - 4.6	5.5 - 5.8	4.0 - 4.4	5.5 - 5.5
Rear axle load (min-max) (t)	4.6 - 5.0	7.1 - 7.5	4.4 - 5.3	7.1 - 7.5
Tyre pressure regulation system	optional, fully integrated	optional, fully integrated	optional, fully integrated	optional, fully integrated
Run-flat tyres	optional	x	optional	x
Capabilities	roof hatch, weapon holder, IR-coating, blackout light, optional air transportability (in C130 Hercules 276 cm)	roof hatch, weapon holder, IR-coating, blackout light	roof hatch, weapon holder, IR-coating, blackout light, optional air transportability (in C130 Hercules 276 cm), poor fuel ability	roof hatch, weapon holder, IR-coating, blackout light, optional air transportability (in C130 Hercules 276 cm), poor fuel ability
Fording capability	800 mm series; 1,200 mm optional	800 mm series; 1,200 mm optional	800 mm series; 1,200 mm optional	800 mm series; 1,200 mm optional

\* data with standard tyres U 5000 / U 5023 (365/80 R 20 - 365/85 R 20) and U 4000 / U 4023 (335/80 R 20) depending on the load and the load release