



Sprinter Cab Chassis AWD Specifications

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Mercedes-Benz

Mercedes-Benz Technical Data

Cab Chassis AWD

Engine Specification		
Model	Sprinter 316 CDI MWB (3.55t) AWD	Sprinter 516 CDI LWB (4.49t/5.0t) AWD
Engine	Diesel 2-stage Turbocharged & Intercooled EURO 5	Diesel 2-stage Turbocharged & Intercooled EURO 5
No. of cylinders	4/in-line	4/in-line
Bore/stroke (mm)	83/99	83/99
Total displacement (cc)	2143	2143
Rated output (kW/(hp) @ rpm)	120kW (163 hp) @ 3800rpm	120kW (163 hp) @ 3800rpm
Max torque (Nm @ rpm)	360Nm @ 1400-2400rpm	360Nm @ 1400-2400rpm
Fuel Supply	Electronically Controlled Direct Injection with Common Rail (CDI)	Electronically Controlled Direct Injection with Common Rail (CDI)
Fuel tank capacity (litres)	Approx. 100	Approx. 100
Transmission		
Type	6 Speed Manual (Opt 5 Speed Automatic)	6 Speed Manual (Opt 5 Speed Automatic)
Drive	All wheel drive	All wheel drive
Weights & Capacities (kg)		
Permissible front axle load	1800	2000
Permissible rear axle load	2250	3500
Gross vehicle mass (GVM) ¹	3550	4490/5000
Unladen weight ¹	1900	2165
Payload capacity ³	1650	2325/2835
Trailer load with brakes ²	2000	2000
Trailer load without brakes ²	750	750
Dimensions (mm)		
Wheelbase	3665	4325
Length	5870	6845
Width	1990	1990
Height	2465	2475
Rear overhang	1113	1350
Cab rear/rear of frame length	3276	4173
Other Specifications		
Turning circle (m)	14.2	16.3
Rear axle ratio	4.364	4.727
Rim size (inches)	6.5Jx16	5.5Jx16
Tyre profile	225/75 R16	205/75 R16
Battery	12V/95 Ah AGM (Absorbed Glass Matt)	12V/95 Ah AGM (Absorbed Glass Matt)
Alternator	14V/180 A	14V/180 A
Factory Tray ⁴ (Optional Extra)		
Length (mm)	3400	4300
Width (mm)	2030	2130
Tailboard Height (mm)	400	400
Revised Payload with Tray (kg) ³	1400	1955/2465

1. Unladen tare weight, including spare wheel, jack, tools & 10 litres fuel. Weights are intended as a guide only. For accuracy the actual vehicle should always be weighed to determine the exact tare weight for the specifications ordered. Weight tolerance of up to + 5% in production & additional weight of optional equipment must be taken into consideration.
2. Maximum towing capacities depend on individual state legislation. 3. Weight of an installed tray reduces payload capacity & may slightly vary overall vehicle height.

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Cab Chassis AWD

Dual Cab Chassis AWD

Engine Specification			
Model	Sprinter 519 CDI LWB (4.49t/5.0t) AWD	Sprinter 316 CDI MWB (3.55t) AWD	Sprinter 516 CDI LWB (4.49t/5.0t) AWD
Engine	Diesel multi-stage Turbocharged & Intercooled EURO 5	Diesel 2-stage Turbocharged & Intercooled EURO 5	Diesel 2-stage Turbocharged & Intercooled EURO 5
No. of cylinders	V6	4/in-line	4/in-line
Bore/stroke (mm)	83/92	83/99	83/99
Total displacement (cc)	2987	2143	2143
Rated output (kW/(hp) @ rpm)	140kW (190 hp) @ 3800rpm	120kW (163 hp) @ 3800rpm	120kW (163 hp) @ 3800rpm
Max torque (Nm @ rpm)	440Nm @ 1600-2600rpm	360Nm @ 1400-2400rpm	360Nm @ 1400-2400rpm
Fuel Supply	Electronically Controlled Direct Injection with Common Rail (CDI)	Electronically Controlled Direct Injection with Common Rail (CDI)	Electronically Controlled Direct Injection with Common Rail (CDI)
Fuel tank capacity (litres)	Approx. 100	Approx. 100	Approx. 100
Transmission			
Type	5 Speed Automatic	6 Speed Manual (Opt 5 Speed Automatic)	6 Speed Manual (Opt 5 Speed Automatic)
Drive	All wheel drive	All wheel drive	All wheel drive
Weights & Capacities (kg)			
Permissible front axle load	2000	1800	
Permissible rear axle load	3500	2250	3500
Gross vehicle mass (GVM) ¹	4490/5000	3550	4490/5000
Unladen weight ¹	2165	2105	2685
Payload capacity ³	2325/2835	1445	1805/2220
Trailer load with brakes ²	2000	2000	2000
Trailer load without brakes ²	750	750	750
Dimensions (mm)			
Wheelbase	4325	3665	4325
Length	6845	5870	6845
Width	1990	1990	1990
Height	2475	2490	2470
Rear overhang	1350	1113	1350
Cab rear/rear of frame length	4173	2466	3363
Other Specifications			
Turning circle (m)	16.3	14.2	16.3
Rear axle ratio	3.923	4.364	4.727
Rim size (inches)	5.5Jx16	6.5Jx16	5.5Jx16
Tyre profile	205/75 R16	225/75 R16	205/75 R16
Battery	12V/95 Ah AGM (Absorbed Glass Matt)	12V/95 Ah AGM (Absorbed Glass Matt)	12V/95 Ah AGM (Absorbed Glass Matt)
Alternator	14V/180 A	14V/180 A	14V/180 A
Factory Tray ⁴ (Optional Extra)			
Length (mm)	4300	2700	3600
Width (mm)	2030	2030	2130
Tailboard Height (mm)	400	400	400
Revised Payload with Tray (kg) ³	1955/2465	1230	1955/2465

¹Some vehicles with a high GVM may require an endorsed licence, please check the relevant laws in your state prior to purchase. Note: drawings are general arrangement drawings only & should not be relied upon. Contact your local authorised dealer if you require more specific information. 4. Internal dimensions.

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