

TECHNICAL SPECIFICATIONS. MINI ONE CONVERTIBLE.



Body			MINI One Convertible
Number of doors/seats			2 / 4
Length/width/height (empty)	mm		3821 / 1727 / 1415
Wheelbase	mm		2495
Track width, front/rear	mm		1501 / 1501
Turning circle	m		10.8
Ground clearance (empty)	mm		115
Fuel tank capacity	approx. l		40
Engine oil	l		4.25
Transmission oil incl. drivetrain	l		lifetime filling
Unladen weight according to DIN/EU ¹⁾	kg		1250 / 1325
Payload according to DIN	kg		420
Permitted gross vehicle weight	kg		1670
Permitted axle loads, front/rear	kg		900 / 805
Permitted trailer load			
braked (12 %) / unbraked	kg		- / -
Permitted roof load/permitted download	kg		- / -
Luggage compartment volume	l		160 / 215
Aerodynamic drag c_x / A / $c_x \times A$	- / m ² / m ²		0.35 / 2.07 / 0.72
Engine			
Type/no. of cylinders/valves			in-line / 3 / 4
Engine control			MEVD 17.2.3
Capacity	cc		1499
Bore/stroke	mm		82.0 / 94.6
Compression	:1		11.0
Fuel	RON		91-98
Output	kW / hp		75 / 102
at engine speed	rpm		3900 – 6500
Torque	Nm		190
at engine speed	rpm		1380 – 3600
Electrical system			
Battery/installation	Ah / -		70 / engine compartment
Alternator	A		150
Suspension			
Front wheel suspension			Single-joint McPherson spring strut axle with aluminium swivel bearing and anti-dive control
Rear wheel suspension			Multilink axle with weight-optimised trailing arms
Brakes, front			disc, vented
Rear brakes			disc
Driving stability systems			Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic brake force distribution (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) with brake assistant, hill start assistant, brake dry function, Fading Brake Support, Dynamic Traction Control (DTC) and Electronic Differential Lock Control (EDLC). Handbrake impacts mechanically on rear wheels
Steering			Electrically assisted EPS unit with Servotronic function
Overall steering ratio	:1		14.0
Tyres			175/65 R15 88H XL
Rims			5.5J x 15 light alloy
Transmission			
Transmission type			6-speed manual transmission
Gear ratio	I	:1	3.615
	II	:1	1.952
	III	:1	1.241
	IV	:1	0.969
	V	:1	0.806
	VI	:1	0.683
Reverse gear		:1	3.538
Final drive ratio		:1	3.421
Driving performance figures			
Power-to-weight ratio according to DIN	kg/kW		16.7
Power output per litre	kW/l		50.0
Acceleration	0–100 km/h	s	10.9
in 5 th gear	80–120 km/h	s	13.5
Top speed	km/h		190

MINI
Media information

MINI Convertible

03/2020

Fuel consumption in EU cycle		
Urban	l/100 km	7.1 – 6.7
Extra-urban	l/100 km	5.0 – 4.6
Total	l/100 km	5.8 – 5.4
CO ₂	g/km	131 – 122
Other		
Emission rating		Euro 6d-TEMP

Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases (weights)

¹⁾ Weight of road-ready automobile (DIN) plus 75 kg for driver and luggage

The fuel consumption, CO₂ emissions and electric power consumption figures were determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The values are already based on the new WLTP test cycle and have been translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO₂ emissions, the CO₂ values may differ from the values stated here (depending on national legislation).

Further information on official fuel consumption figures and specific CO₂ emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guideline for fuel consumption, CO₂ emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships and at <https://www.dat.de/co2>.

MINI COOPER CONVERTIBLE, MINI COOPER CONVERTIBLE AUTOMATIC.

Body		MINI Cooper Convertible	MINI Cooper Convertible Automatic
Number of doors/seats		2 / 4	2 / 4
Length/width/height (empty)	mm	3821 / 1727 / 1415	3821 / 1727 / 1415
Wheelbase	mm	2495	2495
Track width, front/rear	mm	1501 / 1501	1501 / 1501
Turning circle	m	10.8	10.8
Ground clearance (empty)	mm	115	115
Fuel tank capacity	approx. l	40	40
Engine oil	l	4.25	4.25
Transmission oil incl. drivetrain	l	lifetime filling	lifetime filling
Unladen weight according to DIN/EU ¹⁾	kg	1230 / 1305	1265 / 1340
Payload according to DIN	kg	440	430
Permitted gross vehicle weight	kg	1670	1695
Permitted axle loads, front/rear	kg	910 / 805	940 / 805
Permitted trailer load			
braked (12 %) / unbraked	kg	- / -	- / -
Permitted roof load/permitted download	kg	- / -	- / -
Luggage compartment volume	l	160 / 215	160 / 215
Aerodynamic drag c_x / A / $c_x \times A$	- / m ² / m ²	0.35 / 2.07 / 0.72	0.35 / 2.07 / 0.72
Engine			
Type/no. of cylinders/valves		In-line / 3 / 4	In-line / 3 / 4
Engine control		DME 8.xT	DME 8.xT
Capacity	cc	1499	1499
Bore/stroke	mm	82.0 / 94.6	82.0 / 94.6
Compression	:1	11.0	11.0
Fuel	RON	91-98	91-98
Output	kW / hp	100 / 136	100 / 136
at engine speed	rpm	4500 – 6500	4500 – 6500
Torque	Nm	220	220
at engine speed	rpm	1480 – 4100	1480 – 4100
Electrical system			
Battery/installation	Ah / –	70 / engine compartment	70 / engine compartment
Alternator	A	150	150
Suspension			
Front wheel suspension		Single-joint McPherson spring strut axle with aluminium swivel bearing and anti-dive control	
Rear wheel suspension		Multilink axle with weight-optimised trailing arms	
Brakes, front		disc, vented	disc, vented
Rear brakes		disc	disc
Driving stability systems		Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic brake force distribution (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) with brake assistant, hill start assistant, brake dry function, Fading Brake Support, Dynamic Traction Control (DTC) and Electronic Differential Lock Control (EDLC). Handbrake impacts mechanically on rear wheels	
Steering		Electrically assisted EPS unit with Servotronic function	
Overall steering ratio	:1	14.0	14.0
Tyres		175/65 R15 88H XL	175/65 R15 88H XL
Rims		5.5J × 15 light alloy	5.5J × 15 light alloy
Transmission			
Transmission type		6-speed manual transmission	7-speed steptronic with double clutch
Gear ratio	I	:1	3.615
	II	:1	1.952
	III	:1	1.241
	IV	:1	0.969
	V	:1	0.806
	VI	:1	0.683
	VII	:1	–
Reverse gear	:1	3.538	14.311
Final drive ratio	:1	3.421	3.789
Driving performance figures			
Power-to-weight ratio according to DIN	kg/kW	12.3	12.7
Power output per litre	kW/l	66.7	66.7
Acceleration	0–100 km/h	s	8.8
in 5 th gear	80–120 km/h	s	–
Top speed	km/h	206	205

MINI
Media information

MINI Convertible

03/2020

Fuel consumption in EU cycle			
Urban	l/100 km	6.9 – 6.7	6.5 – 6.3
Extra-urban	l/100 km	4.9 – 4.5	4.8 – 4.4
Total	l/100 km	5.6 – 5.3	5.4 – 5.1
CO ₂	g/km	128 – 121	123 – 116
Other			
Emission rating		Euro 6d-TEMP	Euro 6d-TEMP

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¹⁾ Weight of road-ready automobile (DIN) plus 75 kg for driver and luggage

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The values are already based on the new WLTP test cycle and have been translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO₂ emissions, the CO₂ values may differ from the values stated here (depending on national legislation).

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MINI COOPER S CONVERTIBLE, MINI COOPER S CONVERTIBLE AUTOMATIC.

Body		MINI Cooper S Convertible	MINI Cooper S Convertible Automatic
Number of doors/seats		2 / 4	2 / 4
Length/width/height (empty)	mm	3850 / 1727 / 1415	3850 / 1727 / 1415
Wheelbase	mm	2495	2495
Track width, front/rear	mm	1485 / 1485	1485 / 1485
Turning circle	m	10.8	10.8
Ground clearance (empty)	mm	115	115
Fuel tank capacity	approx. l	40	40
Engine oil	l	5.25	5.25
Transmission oil incl. drivetrain	l	lifetime filling	lifetime filling
Unladen weight according to DIN/EU ¹⁾	kg	1290 / 1365	1310 / 1385
Payload according to DIN	kg	455	435
Permitted gross vehicle weight	kg	1745	1745
Permitted axle loads, front/rear	kg	955 / 830	970 / 825
Permitted trailer load			
braked (12 %) / unbraked	kg	- / -	- / -
Permitted roof load/permitted download	kg	- / -	- / -
Luggage compartment capacity	l	160 / 215	160 / 215
Aerodynamic drag c _x / A / c _x × A	- / m ² / m ²	0.36 / 2.08 / 0.75	0.36 / 2.08 / 0.75
Engine			
Type/no. of cylinders/valves		In-line / 4 / 4	In-line / 4 / 4
Engine control		DME 8.xT	DME 8.xT
Capacity	cc	1998	1998
Bore/stroke	mm	82.0 / 94.6	82.0 / 94.6
Compression	:1	11.0	11.0
Fuel	RON	91-98	91-98
Output	kW / hp	141 / 192	141 / 192
at engine speed	rpm	5000 – 6000	5000 – 6000
Torque	Nm	280	280
at engine speed	rpm	1350 – 4600	1350 – 4600
Electrical system			
Battery/installation	Ah / –	70 / engine compartment	70 / engine compartment
Alternator	A	150	150
Suspension			
Front wheel suspension		Single-joint McPherson spring strut axle with aluminium swivel bearing and anti-dive control	
Rear wheel suspension		Multilink axle with weight-optimised trailing arms	
Brakes, front		disc, vented	disc, vented
Rear brakes		disc	disc
Driving stability systems		Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic brake force distribution (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) with brake assistant, brake dry function, Fading Brake Support, Dynamic Traction Control (DTC), Electronic Differential Lock Control (EDLC) and Performance Control. Handbrake impacts mechanically on rear wheels	
Steering		Electrically assisted EPS unit with Servotronic function	
Overall steering ratio	:1	14.0	14.0
Tyres		195/55 R16 87W	195/55 R16 87W
Rims		6.5J × 16 light alloy	6.5J × 16 light alloy
Transmission			
Transmission type		6-speed manual transmission	7-speed steptronic with double clutch
Gear ratio	I	:1	14.429
	II	:1	8.511
	III	:1	5.408
	IV	:1	3.785
	V	:1	2.930
	VI	:1	2.345
	VII	:1	1.901
Reverse gear	:1	3.538	13.118
Final drive ratio	:1	3.588	3.474
Driving performance figures			
Power-to-weight ratio according to DIN	kg/kW	9.1	9.3
Power output per litre	kW/l	70.6	70.6
Acceleration	0–100 km/h	s	7.1
in 5 th gear	80–120 km/h	s	–
Top speed	km/h	230	230

MINI
Media information

MINI Convertible

03/2020

Fuel consumption in EU cycle			
Urban	l/100 km	8.7 – 8.3	7.0 – 6.8
Extra-urban	l/100 km	5.5 – 5.2	5.2 – 4.5
Total	l/100 km	6.7 – 6.4	5.8 – 5.4
CO ₂	g/km	152 – 145	131 – 123
Other			
Emission rating		Euro 6d-TEMP	Euro 6d-TEMP

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