



## Specifications MINI Cooper S. (Stand: January 2010)

<b>Body</b>		<b>MINI Cooper S</b>	<b>MINI Cooper S Automatic</b>
No of doors/seats		3/4	3/4
Length/width/height (unladen)	mm	3714 / 1683 / 1407	3714 / 1683 / 1407
Wheelbase	mm	2 467	2 467
Track front/rear	mm	1453 / 1461	1453 / 1461
Turning circle	m	10,7	10,7
Fuel tank capacity	approx.. l	50	50
Cooling system including heater	l	5,2	5,2
Engine oil	l	4,2	4,2
Transmission fluid incl final drive	l	permanent filling	permanent filling
Weight, unladen, according to DIN/EU <sup>1</sup>	kg	1130 / 1205	1155 / 1230
Max load according to DIN	kg	450	450
Max permissible weight to DIN	kg	1580	1605
Max permissible axle load front/rear	kg	865 / 745	890 / 745
Max permissible trailer load <sup>2</sup> braked (12%/unbraked)	kg		
Max roof load / max towbar download	kg	75 / -	75 / -
Luggage compartment according to DIN	l	160-680	160-680
Air resistance	c <sub>x</sub> x A	0,36 x 1,97	0,36 x 1,97
<b>Engine</b>			
Configuration/No of cylinders/valves		Inline/ 4 / 4	Inline / 4 / 4
Engine management		MED 17.2	MED 17.2
Capacity	cm <sup>3</sup>	1598	1598
Bore/stroke	mm	77 / 85,8	77 / 85,8
Compression ratio	:1	10,5:1	10,5:1
Fuel	ROZ	91-98	91-98
Max output	kW/PS	135 / 184	135 / 184
at	min <sup>-1</sup>	5500	5500
Max torque	Nm	240 / 260	240 / 260
at	min <sup>-1</sup>	1600-5000	1600-5000
<b>Electrical system</b>			
Battery/installation	Ah/-	46 / vorne	46 / vorne
Alternator	AW	120 / 1680	120 / 1680
<b>Chassis and suspension</b>			
Front suspension		Single-joint Mc Pherson spring strut axle with anti-drive	
Rear suspension		Longitudinal struts with centrally-pivoted control arms, Z-axle	
Brake, front		Disc, vented	
Diameter	mm	294	
Brake, rear		Disc, brake	
Diameter	mm	259	
Driving stability systems		Hydraulic two-circuit brake system with anti-lock brakes (ABS), Electronic Brake Force Distribution (EBD), Cornering Brake Control (CBC) and Brake Assistant. Optional: ASC+T traction control, Dynamic Stability Control (DSC) with Hill Start Assistant, Limited-slip differential.	
Steering		Electric power steering (EPS))	
Overall transmission	:1	14,1	14,1
Type of transmission		6-gear-manual	6-gear-automatic
Gear ratios	I	:1	3,308
	II	:1	2,130
	III	:1	1,483
	IV	:1	1,139
	V	:1	0,949
	VI	:1	0,816
	R	:1	3,231
Final drive ratio	:1	3,706	3,683
Tyres		195 / 55 R16 87V RSC	195 / 55 R16 87V RSC
Wheels		6,5Jx16 LM	6,5Jx16 LM
<b>Performance</b>			
Power-to-weight ratio,	kg/kW	8,4	8,6
Output per litre	kWh/l	84,5	84,5
Acceleration	0-62 mph	s	7,0
	0-1000 m	s	27,3
in 4th/5th gear	50-75 mph	s	5,6 / 7,0
Top speed	km/h	228	223
<b>Consumption in the</b>			
Urban	l/100 km	7,3	8,9
Extra-urban	l/100 km	5,0	5,0
Combined	l/100 km	5,8	6,4
CO2	g/km	136	149
<b>Miscellaneous</b>			
Emission category	-	EU5	EU5
Insurance ratings Germany	HPF/VK/TK	14 / 20 / 23	14 / 20 / 23
Ground clearance	mm	130	130

<sup>1</sup> Gewicht des betriebsfertigen Fahrzeugs (DIN) plus 75 kg für Fahrer und Gepäck.

<sup>2</sup> Erhöhungen sind unter bestimmten Voraussetzungen möglich.