

TECHNICAL SPECIFICATIONS.
MINI JOHN COOPER WORKS.



MINI JOHN COOPER WORKS			
Vehicle category			
Drive type		Automatic	
Body			
No. of doors/seats		3 / 4	
Length/Width/Height (unladen)		mm	3876 / 1744 / 1452
Wheelbase		mm	2495
Track front/rear		mm	1499 / 1499
Turning circle		m	11,1
Ground clearance (curb weight)		mm	130
Fuel tank capacity		ca. l	44
Curb weight DIN/EU ¹⁾		kg	1330 / 1405
Axle load distribution (unladen) RA		%	36,1
Max. load DIN/EU		kg	440 / 365
Maximum laden mass		kg	1770
Maximum laden mass front/rear axle		kg	1015 / 830
Permissible roof load		kg	75
Luggage comp. capacity		l	210 - 725
Drive			
Drive concept		Automatic	
Max. system output		kW/PS	170 / 231
Max. system torque		Nm	380
System power-to-weight ratio		kg/kW	7,8
Type of transmission		Automatic	
Power unit			
Configuration/No. of cylinders/valves		Row / 4 / 4	
Effective capacity		cm³	1998
Stroke/bore		mm	82,0 / 94,6
Compression ratio		:1	10,5
Motor-Code		B48A2002	
Rated power to ECE R 85		kW/PS	170 / 231
at		min ⁻¹	5000 - 6000
Nominal torque to ECE R 85		Nm	380
at		min ⁻¹	1500 - 4000
Transmission			
Type of transmission		Automatic	
Gear ratio		I	:1 15,87
		II	:1 9,307
		III	:1 5,787
		IV	:1 3,968
		V	:1 3,153
		VI	:1 2,478
		VII	:1 2,015
R		:1	14,255
Final drive		:1	1

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Driving dynamics and safety		
Suspension, front	Single-joint strut axle with aluminium pivot bearing and brake articulation compensation	
Suspension, rear	Multi-link axle with weight-optimised trailing arms	
Brakes, front	Single-piston floating calliper disc brake, vented	
Brakes, rear	Single-piston floating calliper disc brake, vented	
Driving stability systems	Hydraulic 2-circuit brake system with anti-lock braking system (ABS), electronic brake force distribution (EBD) and cornering brake control (CBC), Dynamic Stability Control (DSC) with brake assist, actuator-related wheel slip limitation (ARB), hill start assist, dry braking function, fading compensation, Dynamic Traction Control (DTC); Electric handbrake acting on the rear wheels	
Safety equipment	Standard: Airbags for driver and front passenger, Side airbags for driver and front passenger, rear side airbags, Three-point automatic seat belts for all seats, front with belt tensioners and belt force limiters, Crash sensors, tyre pressure indicator	
Steering	Electric power steering (EPS) with Servotronic function	
Tyres, front/rear	215/45 R17 91 Y XL	
Rims, front/rear	7Jx17 LM	
Performance		
Acceleration 0-100 km/h	s	6,1
Top speed	km/h	250
Fuel Consumption ECE		
Combined (WLTP) ²	l/100 km	6,8-6,5
CO ₂ (WLTP)	g/km	154-147
Emission rating	EU6e-to-FCM	

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

¹⁾ Weight of the ready-to-use vehicle (DIN) plus 75 kg for driver and luggage
²⁾ depending on the selected tyre size

Official data on fuel consumption, CO₂ emissions, power consumption and electric range were determined in accordance with the prescribed measurement procedure and comply with Regulation (EU) 715/2007 as amended. NEDC figures take into account differences in the selected wheel and tyre size in the case of ranges, and any optional equipment in the WLTP.

WLTP values are used for the calculation of taxes and other vehicle-related charges that are (also) based on CO₂ emissions and, where applicable, for the purposes of vehicle-specific subsidies. Where applicable, the NEDC values listed were determined on the basis of the new WLTP measurement procedure and converted back to the NEDC measurement procedure for comparability. For vehicles newly type-tested since 1 January 2021, the official data only exists according to WLTP. In addition, according to EU Regulation 2022/195, the NEDC values will no longer be included in the EC certificates of conformity from 1 January 2023. Further information on the WLTP and NEDC measurement methods can be found at www.mini.de/wltp as well as a comparative table on fuel consumption, CO₂ emissions and power consumption of all current MINI models at www.mini.de/de_DE/home/footer/wltp.html.