

# Technical Specifications.

## MINI Cooper SD Paceman ALL4, MINI Cooper SD Paceman ALL4 Automatic.



Body		MINI Cooper SD Paceman ALL4	MINI Cooper SD Paceman ALL4 Automatic
Number of doors/seats		3 / 4	3 / 4
Length/width/height (empty)	mm	4114 / 1786 / 1518	4114 / 1786 / 1518
Wheelbase	mm	2596	2596
Track width, front/rear	mm	1531 / 1558	1531 / 1558
Turning circle	m	11.6	11.6
Fuel tank capacity	approx. l	47	47
Cooling system incl. heating	l	6.0	6.5
Engine oil	l	5.2	5.2
Transmission oil incl. drivetrain	l	lifetime filling	lifetime filling
Unladen weight according to DIN/EU <sup>1)</sup>	kg	1395 / 1470	1420 / 1495
Payload according to DIN	kg	470	470
Permitted gross vehicle weight	kg	1865	1890
Permitted axle loads, front/rear	kg	1000 / 890	1025 / 890
Permitted trailer load braked (12 %) / unbraked	kg	800 / 500	1200 / 500
Permitted roof load/permited download	kg	75 / 75	75 / 75
Luggage compartment capacity	l	330 – 1080	330 – 1080
Aerodynamic drag $c_x$ / A / $c_x \times A$	- / m <sup>2</sup> / m <sup>2</sup>	0.35 / 2.32 / 0.81	0.35 / 2.32 / 0.81
<b>Engine</b>			
Type/no. of cylinders/valves		in-line / 4 / 4	in-line / 4 / 4
Engine control		DDE 701	DDE 701
Capacity	cc	1995	1995
Bore/stroke	mm	84.0 / 90.0	84.0 / 90.0
Compression	:1	16.5	16.5
Fuel	RON	Diesel	Diesel
Output	kW/bhp	105 / 143	105 / 143
at engine speed	rpm	4000	4000
Torque	Nm	305	305
at engine speed	rpm	1750 – 2700	1750 – 2700
<b>Electrical system</b>			
Battery/installation	Ah / -	70 / engine compartment	70 / engine compartment
Alternator	A	150	150
<b>Suspension</b>			
Front wheel suspension		Single-joint McPherson spring strut axle with anti-dive control	
Rear wheel suspension		Multilink axle with trailing arms in aluminium lightweight construction	
Brakes, front		disc, vented	disc, vented
diameter	mm	307 × 24	307 × 24
Rear brakes		disc	disc
diameter	mm	280 × 10	280 × 10
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, Dynamic Traction Control (DTC) and Electronic Differential Lock Control (EDLC). DSC control unit with integrated electronic management system for the all-wheel drive system MINI ALL4. Handbrake impacts mechanically on rear wheels	
Steering		Electrically supported rack-and-pinion steering (EPS); 2.4 revolutions from lock to lock	
Overall steering ratio	:1	14.1	14.1
Tyres		205/55 R17 91V	205/55 R17 91V
Rims		7J × 17 light alloy	7J × 17 light alloy
<b>Transmission</b>			
Transmission type		6-speed manual transmission	6-speed automatic transmission
Gear ratio	I	:1	3.308
	II	:1	1.870
	III	:1	1.194
	IV	:1	0.872
	V	:1	0.721
	VI	:1	0.596
Reverse gear		:1	3.231
Final drive ratio		:1	3.706
<b>Driving performance figures</b>			
Power-to-weight ratio according to DIN	kg/kW	13.3	13.5
Power output per litre	kW/l	52.6	52.6
Acceleration	0-100 km/h	s	9.2
	0-1000 m	s	30.7
in 5th gear	80-120 km/h	s	10.2
Top speed	km/h	199	197



04/2014

Valid from  
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<b>Fuel consumption in EU cycle</b>			
Urban	l/100 km	5.4	7.5
Extra-urban	l/100 km	4.5	5.0
Total	l/100 km	4.8	5.9
CO <sub>2</sub>	g/km	126	156
<b>Other</b>			
Emission rating		EU6	EU6
Insurance rating	3rd	<sup>2</sup>	<sup>2</sup>
Ground clearance (empty)	mm	138	138

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

- <sup>1)</sup> Weight of road-ready automobile (DIN) plus 75 kg for driver and luggage
- <sup>2)</sup> Details not yet available