

Technical specifications.

MINI John Cooper Works Paceman, MINI John Cooper Works Paceman Automatic.



Body	MINI John Cooper Works Paceman		MINI John Cooper Works Paceman Automatic	
Number of doors/seats		3 / 4		3 / 4
Length/width/height (empty)	mm	4124 / 1786 / 1518		4124 / 1786 / 1518
Wheelbase	mm	2596		2596
Track width, front/rear	mm	1527 / 1554		1527 / 1554
Turning circle	m	11.6		11.6
Fuel tank capacity	approx. l	47		47
Cooling system incl. heating	l	7.5		7.5
Engine oil	l	4.2		4.2
Transmission oil incl. drivetrain	l	lifetime filling		lifetime filling
Unladen weight according to DIN/EU ¹⁾	kg	1400 / 1475		1420 / 1495
Payload according to DIN	kg	470		470
Permitted gross vehicle weight	kg	1870		1890
Permitted axle loads, front/rear	kg	1000 / 915		980 / 915
Permitted trailer load braked (12 %) / unbraked	kg	- / -		- / -
Permitted roof load/permitted download	kg	75 / -		75 / -
Luggage compartment capacity	l	330 – 1080		330 – 1080
Aerodynamic drag c_x / A / $c_x \times A$	- / m ² / m ²	0.36 / 2.32 / 0.84		0.36 / 2.32 / 0.84
Engine				
Type/no. of cylinders/valves		in-line / 4 / 4		in-line / 4 / 4
Engine control		MEVD 1727		MEVD 1727
Capacity	cc	1598		1598
Bore/stroke	mm	77.0 / 85.8		77.0 / 85.8
Compression	:1	10.5		10.5
Fuel	RON	91-98		91-98
Output	kW/bhp	160 / 218		160 / 218
at engine speed	rpm	6000		6000
Torque (with overboost)	Nm	280 (300)		280 (300)
at engine speed	rpm	1900-5000 (2100-4500)		1900-5000 (2100-4500)
Electrical system				
Battery/installation	Ah / -	70 / engine compartment		70 / engine compartment
Alternator	A	120		120
Suspension				
Front wheel suspension		Single-joint McPherson spring strut axle with anti-dive control		
Rear wheel suspension		Multilink axle with aluminium trailing arms and centrally mounted wishbones		
Brakes, front		disc, vented		disc, vented
diameter	mm	307 × 24		307 × 24
Rear brakes		disc		disc
diameter	mm	296 × 10		296 × 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 steering (EPS); 2.4 revolutions from lock to lock		
Overall steering ratio	:1	14.1		14.1
Tyres		225/45 R18 91W		225/45 R18 91W
Rims		7.5J × 18 light alloy		7.5J × 18 light alloy
Transmission				
Transmission type		6-speed manual transmission		6-speed automatic transmission
Gear ratio	I	:1	3.308	4.044
	II	:1	2.130	2.371
	III	:1	1.483	1.556
	IV	:1	1.139	1.159
	V	:1	0.949	0.852
	VI	:1	0.816	0.672
Reverse gear		:1	3.231	3.193
Final drive ratio		:1	3.706	3.683
Driving performance figures				
Power-to-weight ratio according to	kg/kW	8.8		8.9
Power output per litre	kW/l	100.1		100.1
Acceleration	0-100 km/h	s		6.8
	0-1000 m	s		27.5
in 5th gear	80-120 km/h	s		- / -
Top speed	km/h	229		226



04/2014

Valid from
07/2014

Fuel consumption in EU cycle			
Urban	l/100 km	9.1	10.4
Extra-urban	l/100 km	6.0	5.9
Total	l/100 km	7.1	7.5
CO ₂	g/km	165	175
Other			
Emission rating		EU6	EU6
Insurance rating	3rd party/fully	²	²
Ground clearance (empty)	mm	128	128

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

²⁾ Details not yet available