

# THE NEW MINI JOHN COOPER WORKS CONVERTIBLE. TABLE OF CONTENTS.



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# THE NEW MINI JOHN COOPER WORKS CONVERTIBLE. PROFILE.



- John Cooper Works now launches the second top athlete of the new model generation; new MINI John Cooper Works Convertible invites racing fans to enjoy extreme driving fun in a particularly exclusive way; unique vehicle concept in the small car segment combining authentic racing feel with intense open-air enjoyment, complete with the premium quality and mature product substance of the new MINI generation.
- Thrilling performance properties and extrovert charisma; drive, suspension technology and aerodynamics developed on the basis of well-established racing expertise; distinctive design features in the unmistakable style of John Cooper Works and clearly differentiated from the new MINI Convertible.
- 2.0 litre 4-cylinder power unit developed exclusively for John Cooper Works models; current engine generation with MINI TwinPower Turbo Technology as the basis; fascinating performance characteristics and highly emotional sound development due to distinctive design of pistons, turbocharger and exhaust system; the most powerful engine in the MINI portfolio with 170 kW; output increase of 15 kW as compared to the predecessor model and 29 kW as compared to the new MINI Cooper S Convertible; maximum torque: 320 Newton metres; 6-speed manual transmission as standard, 6-speed Steptronic sport transmission available as an option; combined EU fuel consumption: 6.5 l/100 km (automatic: 5.9 l/100 km, combined EU CO<sub>2</sub> emissions: 152 g/km (138 g/km).
- Extremely sporty acceleration and elasticity figures; 0 – 100 km/h in 6.6 seconds (minus 0.3 seconds) with manual transmission and 6.5 seconds (minus 0.6 seconds) with Steptronic transmission, 80 – 120 km/h in 6.1 seconds (minus 0.7 seconds); top speed increased by 7 km/h to 242 km/h (automatic: 240 km/h).
- Power transmission to the front wheels; high-quality suspension technology with set-up geared perfectly to the vehicle concept and engine performance characteristics; standard trim includes Brembo sports brake system, 17-inch John Cooper Works light alloy wheels Track Spoke silver and speed-related Servotronic steering support; Dynamic Damper Control available as an option; Dynamic Stability Control (DSC) as standard with DTC (Dynamic Traction Control), EDLC (Electronic Differential Lock Control) and Performance Control.
- Powerfully expressive design with dynamically stretched silhouette, powerful surface shaping and optimised air routing in the style of John Cooper Works; large cooling air outlets in the front apron which also occupy the space provided for the parking lights and fog lamps in the MINI Convertible; distinctively designed side sills and rear apron; LED headlights with white turn indicators and LED rear lights as standard;

radiator grille, side scuttles and tailgate with John Cooper Works logo; optional body finish in the variant Rebel Green exclusively available for John Cooper Works models.

- New textile top with fully electrically powered, especially low-noise operation for the first time; fully automatic opening and closing of the soft top at the press of a button in 18 seconds, also during travel at speeds up to 30 km/h; sliding roof function available at any road speed; optional MINI Yours top with integrated high-end Union Jack graphic.
- Vehicle dimensions, wheelbase and track width significantly larger than in predecessor model; optimised space on all four seats; rear seats with single-seat character and extended seat surface; luggage compartment capacity increased to 215 litres with the top closed and 160 litres with the top open; standard trim includes folding split backrest, enlarged through-loading facility and Easy Load function.
- High-quality interior with refined premium ambience, modern display and operating concept of the latest MINI generation and the sports car cockpit typical of John Cooper Works models; fully integrated rollover protection bars behind the rear seats; John Cooper Works sports seats in Dinamica/fabric Carbon Black with integrated headrests; John Cooper Works door sill cover strips; John Cooper Works leather steering wheel with multifunction buttons and shift paddles in conjunction with the 6-speed Steptronic sport transmission; John Cooper Works gearshift or selector lever; cockpit displays and central instrument surround in model-specific design; pedals and driver footrest in stainless steel.
- Highly rigid body structure with convertible-specific bracing elements for an agile driving response with maximum occupant protection; complete set of standard safety features with front airbags, head-thorax airbags integrated in the backrests, 3-point automatic belts on all seats, ISOFIX child seat mountings for the front passenger seat and at the rear, tyre pressure display and partially active engine compartment lid for optimum pedestrian protection; needs-based control of the restraint systems and rollover protection by means of centralised safety electronics.
- Standard trim includes fully automatic soft top operation, air conditioning, MINI Driving Modes, Radio MINI Boost with AUX-IN and USB socket, as well as Park Distance Control.
- Exclusive optional equipment and John Cooper Works tuning accessories; optional MINI Head-Up Display with John Cooper Works specific display content; MINI Driving Assistant; Parking Assistant; rear view camera; 2-zone automatic air conditioning with convertible mode; Always Open Timer with new display content; new wind deflector with reduced weight and simplified attachment; Comfort Access; rain sensor with automatic driving lights control: MINI Excitement Package including MINI Logo projection from the exterior mirror onto the ground in front of the door on the driver's side; MINI navigation system and Wired equipment package including navigation system Professional with MINI Touch Controller; Bluetooth mobile phone preparation; exterior mirror caps in Chili Red; 18-inch John Cooper Works light alloy

wheels Cup Spoke 2-tone; John Cooper Works bonnet stripes as well as exterior and interior components from the John Cooper Works Pro design line.

- Complete MINI Connected in-car infotainment program; constantly updated selection of apps for integration in the car via smartphone; exclusive MINI functions such as MINI Streetwise, online search, Sports Instruments and Force Meter; MINI Connected XL Journey Mate with real time traffic radar and rain warning function; online-based services for the use of social networks as well as entertainment offers such as Spotify, AUPEO!, Stitcher, Deezer, Audible, Napster/Rhapsody, TuneIn and GoPro.
- Engines, driving performance figures, fuel consumption and emissions:

**MINI John Cooper Works Convertible:**

4-cylinder petrol engine with MINI TwinPower Turbo Technology (turbo charging, direct injection, fully variable valve control, variable camshaft control),  
capacity: 1 998 cc, output: 170 kW at 5 200 – 6 000 rpm,  
max. torque: 320 Nm at 1 250 – 4 800 rpm,  
acceleration (0–100 km/h): 6.6 seconds (automatic: 6.5 seconds),  
top speed: 242 km/h (240 km/h),  
average fuel consumption\*: 6.5 (5.9 litres)/100 kilometres,  
CO<sub>2</sub> emissions\*: 152 g/km (138 g/km), exhaust emission standard: EU6.

- Exterior dimensions:  
Length: 3 874 millimetres  
Width: 1 727 millimetres  
Height: 1 415 millimetres  
Wheelbase: 2 495 millimetres

# **EXTREME DRIVING FUN, INTENSIVE OPEN-AIR PLEASURE: THE NEW MINI JOHN COOPER WORKS CONVERTIBLE.**



When passion for motor racing is the driving force and intense open-air pleasure the goal, the new MINI John Cooper Works Convertible takes the ideal line from the word go. The second John Cooper Works model of the latest generation combines engine and suspension technology optimised for use on the race track with distinctive design and equipment features as well as the extensively refined qualities of the new MINI Convertible. This lends even greater fascination to the vehicle concept of an open-top 4-seater with outstandingly sporty performance properties that is still unique in the small car segment.

The latest version of the MINI John Cooper Works Convertible (combined fuel consumption: 6.5 l/100 km, combined CO<sub>2</sub> emissions: 152 g/km) offers the most exclusive way of enjoying extreme driving fun. With its spontaneous power delivery and highly emotional sound, the most powerful engine in the British brand's portfolio with 170 kW is strikingly impressive. The fully electrically operated textile top is particularly low-noise, open or closing in just 18 seconds at the press of a button. The stretched silhouette and the powerfully modelled surfaces of the open-top 4-seater are supplemented with design elements developed especially for the John Cooper Works model to optimise cooling air intake and aerodynamic properties. The suspension technology set-up based on well-established racing expertise along with convertible-specific bracing elements guarantees excellent agility and precisely controlled handling in dynamic driving situations. Noticeable progress is also reflected in the new MINI John Cooper Works Convertible as compared to its predecessor model in terms of acceleration figures, space and the premium characteristics of the interior, where the rollover bars that extend automatically if needed are now fully integrated behind the rear seats.

The power that now ensures a truly unique racing feel when driving with the top open is drawn from a 2.0-litre 4-cylinder engine developed on the basis of the latest engine generation with MINI TwinPower Turbo Technology, with a peak output exceeding that of the predecessor model by 15 kW. There is also an increase in the lead over the new MINI Cooper S Convertible. The additional output of the top athlete bearing the John Cooper Works logo is now 29 kW. The new engine also generates a maximum torque of 320 Newton metres and accelerates the MINI John Cooper Works Convertible with standard 6-speed manual transmission in 6.6 seconds from standing to 100 km/h – 0.3 seconds less than the predecessor model. In conjunction with the new generation of the optional 6-speed Steptronic sport transmission, the same sprint takes just 6.5 seconds (minus 0.6 seconds). Elasticity has also been improved by about 10 per cent. 6.1 seconds is all it takes to accelerate from 80 to 120 km/h.

The thrilling performance figures and also the handling properties of the new MINI John Cooper Works Convertible - which are always supremely under the driver's control even when moving in extremely sporty style - result from a precisely configured overall package comprising not just the powerful engine but also a sports exhaust system, the sports suspension including 17-inch John Cooper Works light alloy wheels, a sports brake system developed in collaboration with specialist manufacturer Brembo, the John Cooper Works Aerodynamics Kit and the distinct cockpit design featuring John Cooper Works sport seats. The car's performance properties, appearance and fascinating driving experience also give the open-top variant of the top athlete authentic characteristics that both reflect longstanding motor racing experience and the tradition-steeped association between MINI and John Cooper Works. To this day, the name of the legendary sports car designer John Cooper - who once paved the way for the classic Mini to take to the race track - stands for the intensive driving fun and successful motor racing achievements of the small British car.

The exclusive character of the new MINI John Cooper Works Convertible is also reflected in its particularly extensive standard trim. In addition to the fully automatic soft top, standard features on board include air conditioning and the Radio MINI Boost with AUX-IN and USB socket as well as LED headlamps, the MINI Driving Modes and Park Distance Control. For enhanced driving fun, increased comfort and even more pronounced individual style, there is a special range of options and John Cooper Works Tuning accessories available in addition to the optional equipment offered for the new MINI Convertible. The options available exclusively for the John Cooper Works models include the body paint finish in the variant Rebel Green, 18-inch John Cooper Works light alloy wheels and John Cooper Works bonnet stripes. What is more, the optional MINI Head-Up Display in the new MINI John Cooper Works Convertible features additional display content to support extremely athletic driving fun.

**Engine: well-established racing expertise for top output.**

The current engine generation with MINI TwinPower Turbo Technology reflects significant progress in the areas of power delivery, running smoothness and efficiency. This makes it the ideal basis for a power unit geared towards top performance with the characteristics inspired by motor racing that are typical of the John Cooper Works models. The 4-cylinder petrol engine of the MINI John Cooper Works Convertible, traditionally mounted transversely at the front, offers a 25 per cent increase in capacity as compared to the predecessor model, as well as a 10 per cent increase in output and a 23 per cent increase in maximum torque.

In addition to the capacity of 2.0 litres, the MINI TwinPower Turbo Technology is another similarity with the engine of the MINI Cooper S Convertible. This comprises turbocharging integrated in the exhaust manifold, petrol direct injection with injectors arranged centrally between the valves, fully variable valve control in the form of VALVETRONIC as patented by the BMW Group and variable camshaft control on the intake and exhaust side (double VANOS). This is combined with selective modifications which give the engine of the MINI John Cooper Works Convertible an output boost of 29 kW/39 hp as well as

noticeably optimised pulling power. The main focus here is a newly developed turbocharger. It is made of a highly temperature-resilient material and generates increased charge-air pressure for even, sporty power delivery across a wide engine speed range. The specific pistons are precisely harmonised with this, enabling compression reduction that is adapted to the high level of charge-air pressure. This design produces performance characteristics typical of a sports car, i.e. power delivery that sets in early on and is maintained continuously right through to a high load range.

The engine of the new MINI John Cooper Works Convertible reaches its maximum torque of 320 Newton metres at just 1 250 rpm and puts this on stream up to the engine speed range of 4 800 rpm. At 5 200 rpm the engine supplies its peak output of 170 kW which is then maintained at a constant level up to 6 000 rpm. Its thrust not only enables extremely spirited acceleration from standing but also highly dynamic interim sprints. The new MINI John Cooper Works Convertible completes the standard sprint from zero to 100 km/h in 6.6 seconds (automatic: 6.5 seconds) and it takes just 6.1 seconds to accelerate from 80 to 120 km/h in the fifth gear of the standard manual transmission. The top speed of the new MINI John Cooper Works Convertible is 242 km/h (automatic: 240 km/h).

This engine technology geared towards top performance is rounded off with a specific sports exhaust system whose benefits come into their own especially during open-top driving. With its low level of exhaust back pressure it not only promotes spontaneous power delivery in the engine but also generates the sound typical of the John Cooper Works models that underscores the engine's performance character with a highly emotional acoustic pattern across all load ranges.

#### **New top efficiency figures due to MINIMALISM technology.**

With the increased efficiency of the new generation of engines and transmissions, intelligent lightweight construction, optimised aerodynamic properties and extensive additional MINIMALISM technology, the new edition of the MINI John Cooper Works Convertible achieves new top figures in the discipline of efficiency. Adjusted for fittings, the weight of the leading open-top athlete is even below the level of the predecessor model despite the increased dimensions and larger engine. What is more, the auto start/stop function can now be used in conjunction with the Steptronic transmission. The standard MINI Driving Modes enable activation of the GREEN mode, which supports an efficiency-optimised driving style. In models fitted with the Steptronic transmission it is possible to use the coasting function, whereby the drivetrain is decoupled at speeds of between 50 and 160 km/h as soon as the driver removes their foot from the accelerator pedal.

With the standard manual transmission, the new MINI John Cooper Works achieves an average fuel consumption in the EU test cycle of 6.5 litres per 100 kilometres and a CO<sub>2</sub> emissions level of 152 grams per kilometre. This is almost 5 per cent below the predecessor model. In conjunction with the optional 6-speed Steptronic sport transmission the fuel consumption and emission figures are even

reduced by some 19 per cent to 5.9 litres per 100 kilometres and 138 grams per kilometre.

**Dynamic and efficient: 6-speed manual transmission with engine speed adaptation, 6-speed Steptronic transmission with shift paddles at the steering wheel.**

The standard 6-speed manual transmission is characterised by a low weight and short shift distances as well as optimised acoustic properties and vibration response. It harmonises perfectly with the performance characteristics of the engine as well as offering an innovation that takes effect particularly impressively when driving the new MINI John Cooper Works Convertible in sporty style. A gear sensor allows active engine speed adaptation. When changing gear, the engine speed can be automatically adapted to the rotational speed of the input shaft for the gear selected. This ensures jerk-free clutch engagement, thereby enhancing comfort when shifting down a gear.

The optional 6-speed Steptronic sport transmission combines a favourable efficiency and a high level of shift comfort with increased shift dynamics and extremely fast gear shifts. In manual mode it is possible to change gear using shift paddles at the steering wheel. Furthermore, in conjunction with the MINI navigation system the new generation of the Steptronic transmission is able to take account of the route profile in automatically controlling gear shifts. Based on navigation data, the appropriate drive position is selected to match the imminent situation on the road ahead, e.g. directly prior to junctions or on corners. This prevents unnecessary upshifts between two bends in quick succession, for example.

**For precision and agility at the very highest level: sports suspension, Brembo sports brake system, convertible-specific bracing elements.**

Together with the hallmark brand concept comprising front-wheel drive, a low centre of gravity, short overhangs, a wide track and a rigid and weight-optimised body structure, the suspension technology has undergone extensive further development for the latest generation of the MINI so as to provide the perfect basis for a thrilling racing feel. The body of the new MINI John Cooper Works Convertible features additional specific torsion struts in the front and rear area of the underbody, selective optimisation in the area of the side sills and a stiffening plate underneath the engine.

The new MINI John Cooper Works Convertible is fitted as standard with a sports suspension and benefits from the well-established design principle of a single-joint spring strut axle at front and a multilink rear axle - which is unique within the competitive environment - as well as optimised details geared towards the particularly high engine and driving performance figures of the leading open-top athlete. In order to reduce weight and increase component rigidity, the front axle is fitted with aluminium swivel bearings as well as axle supports and wishbones made of high-strength steel. The axle kinematics supports an agile turn-in response as well as a precise steering sensation largely free of drive torque. At the rear axle, too, a larger proportion of highly rigid steel types ensures increased



stiffness combined with reduced weight. Tube-shaped anti-roll bars at the front and rear axle, an innovative axle bearing including a hydraulically damped engine mount and triple-path support bearings to decouple the dampers from the body additionally contribute to the fact that the new MINI John Cooper Works Convertible retains precisely controllable handling as well as optimised ride comfort even in highly sporty situations.

Another standard feature is the particularly high-performance sports brake system developed exclusively for the John Cooper Works models. Designed in collaboration with the specialist manufacturer Brembo, the 4-piston fixed caliper disc brakes guarantee consistently high deceleration performance even when exposed to intensive stress on the race track. The brake callipers are finished in red and bear the manufacturer's logo. What is more, the standard 17-inch John Cooper Works light alloy wheels have been designed in Track Spoke silver for the new generation of the top athlete. John Cooper Works light alloy wheels are optionally available in the variant Track Spoke black in 17-inch size and also in the Cup Spoke 2-tone design, size 18 inches.

**DSC including Performance Control, Servotronic and MINI Driving Modes as standard, Dynamic Damper Control as an option.**

The standard Dynamic Stability Control (DSC) also comprises the functions Dynamic Traction Control (DTC), Electronic Differential Lock Control (EDLC) - which acts as an electronic locking function for the front axle differential - and Performance Control, which supports agile turning when taking bends at speed. Self-steering tendencies that can be caused by differing torque levels on the drive wheels are also prevented by means of the so-called Torque Steer Compensation function provided by the electromechanical power steering. Its standard functions include speed-related Servotronic steering support for maximum precision when cornering at speed and for comfortable manoeuvring at low speeds.

Dynamic Damper Control is optionally available for the new MINI John Cooper Works Convertible. It allows selection of two set-ups for either particularly sporty or more comfort-oriented driving situations. The relevant set-up is activated via the standard MINI Driving Modes. In addition to the standard MID mode there is a choice of SPORT and GREEN mode. The MINI Driving Modes are operated by means of a rotary switch at the base of the gear or selector lever and influence not just the program map of the optional electronically controlled dampers but also the characteristic curves of the accelerator pedal and steering, the engine acoustics and also the shift characteristics of the Steptronic transmission, if the latter is fitted.

**Exterior design: dynamically stretched silhouette, powerfully shaped surfaces, striking signs of athletic performance.**

The new edition of the MINI John Cooper Works Convertible is the outcome of a progressive evolution and reflects a distinct character. Lines and surface design in typical MINI styling guarantee an unmistakable high-quality appearance, whether the soft top is open or closed. Large circular headlamps with chrome rings, the hexagonal radiator grille, the side turn indicator surrounds known as side scuttles

and the black periphery around the bottom edge of the body all clearly signal the model's kinship with the British premium brand.

The dynamically stretched silhouette, powerfully modelled surfaces, short overhangs and wide track define the car's sporty appearance, which is further emphasised by the features for superior performance properties which are typical of the John Cooper Works models. The front section comprises strikingly large air inlets that reflect the high cooling requirements of the engine, its ancillary units and the brakes. The cooling concept of the new MINI John Cooper Works Convertible also comprises additional air inlets in the outer areas of the front apron so as to ensure the ideal operating temperature is maintained in race track conditions, too. Taking up the space occupied by the fog lamps in the new MINI Convertible, they guarantee the supply of air to an additional external radiator.

The hexagonal radiator grille at the centre of the front section has a characteristic honeycomb pattern and a cross member at the bottom edge finished in red. The John Cooper Works logo also appears here, as well as on the luggage compartment lid. The standard LED headlamps are surrounded by a daytime driving light ring that also uses LED technology, the lower section of which is white and acts as the turn indicator.

Precisely shaped air ducting elements in the lower section of the front apron help optimise the car's aerodynamic properties, as do the side sills in model-specific design and the rear apron with flaps and a diffuser element. Other exclusive features of the exterior include the side turn indicator surrounds known as side scuttles, which bear a red accentuation line and a John Cooper Works logo applied against a black background, and also the tailpipes of the sports exhaust system integrated centrally in the rear apron which can be identified by their particularly large cross-section. Paint finishes for the body include the variant Rebel Green, which is exclusively available for the new MINI John Cooper Works models. As an option at no extra cost, exterior mirror caps are available in white, black or - also exclusively for the MINI John Cooper Works models - Chili Red. The John Cooper Works bonnet stripes are likewise an option that is reserved solely for the top athletes of the latest generation.

**Fully automatic soft top: for the first time with fully electric drive and optionally available as a MINI Yours top with integrated Union Jack graphic.**

Like its predecessor, the new MINI John Cooper Works Convertible also features a fully automatic textile stop. This comprises a heatable rear window, a particularly high-quality liner and further optimised acoustic insulation. For the first time, soft top operation is purely electric and therefore particularly low-noise. The fully automatic soft top can be activated spontaneously at the press of a button. It can be opened and closed in 18 seconds, even during travel at speeds of up to 30 km/h. The sliding roof function is available at any speed, allowing the front section of the top to be retracted to continuously variable levels by up to 40 centimetres.

As an alternative to the standard version of the soft top in black, a MINI Yours soft top is available for the first time that comprises an integrated woven graphic as a unique customisation option. In reference to the brand's home country of Britain, the textile surface features a black and grey Union Jack motif in a high-end herringbone pattern. Another option is a newly developed wind deflector which is particularly simple to use and offers reduced weight.

### **Premium ambience and sports car flair on the inside.**

Due to the increased dimensions as compared to the predecessor model, the new MINI John Cooper Works Convertible offers tangibly optimised space on the four seats. What is more, the interior is distinguished by a design that is both high-end and harmonious as well as premium materials and workmanship. At both front and rear there are cup holders and storage spaces for drinks and travel utensils. Bottles of up to 1.5 litres fit in the door pockets. A storage package is available as optional equipment which comprises storage nets for the luggage compartment and passenger footwell as well as a 12-volt socket in the luggage compartment. The matured character of the open-top 4-seater is also reflected in precise design details. For example the belt feeds for the front and rear seats are designed in the same style, with the holders at the rear also acting as a cover for the rollover protection, now invisibly integrated.

The additional functions and the new display and operating concept are combined with specific design features in the style of John Cooper Works, thereby enhancing the intense performance experience this car offers. The standard trim includes the new John Cooper Works sports seats with integrated headrests and upholstery in Dinamica/fabric and the colour Carbon Black. The new seats are also optionally available in a Dinamica/Carbon Black leather version with red applications. The single-seat character of the rear seats also ensures optimised lateral hold during dynamic cornering. Other standard fittings on board include the newly designed John Cooper Works leather steering wheel with multifunction buttons and the John Cooper Works door sill cover strips, the John Cooper Works gear or selector lever, stainless steel pedals including driver footrest and cockpit displays with dark dials. Interior trim in Black Chequered with red design accentuations not just on the seat surfaces but also on the steering wheel rim, the gear or selector lever and the central instrument surround all contribute to underscoring the car's sporty and exclusive flair.

The extended adjustment range of the front seats ensures convenient entry and exit for rear passengers. Expanded seat surfaces and increased headroom also contribute to optimised space comfort in the second row. Interior width and knee space at the rear are also noticeably more generous. The tailgate of the new MINI John Cooper Works Convertible opens downwards and can take a weight of up to 80 kilograms when used as a surface on which to place luggage items. When the soft top is closed, the luggage compartment opening can be expanded by means of the Easy Load function, which comes as standard. Two locking handles enable the soft top frame to be swung up. The load compartment volume is 160 litres with the soft top open and 215 litres when it is closed. A 50 :50 folding split backrest and a through-loading facility are provided as standard.

### **Complete range of safety fittings, fully integrated rollover protection.**

The passive safety of the new MINI John Cooper Works Convertible is also enhanced by the extremely stable passenger cell, highly resilient bracket structures and deformation zones in optimum design. These are part of the integrated MINI safety concept, as are the standard front airbags, side head-thorax airbags integrated in the backrests, 3-point automatic belts on all seats including belt tensioners at the front and ISOFIX child seat mountings at the rear and for the front passenger seat. A tyre pressure display for each individual wheel is also included as standard. A partially active bonnet is one of the features which contributes to optimised pedestrian protection.

In addition, the new MINI John Cooper Works Convertible is fitted with a rollover protection system whose actuators are interconnected with the car's safety electronics. As soon as the risk of a rollover is detected, the two high-strength aluminium bars retract within 150 milliseconds by means of a pyrotechnical trigger function.

### **Performance in view: sports instruments, Head-Up Display with additional display content.**

The racing feel in the cockpit of the new MINI John Cooper Works Convertible can be further enhanced with the optional sports instruments. The three displays designed in classic circular form provide information that is especially relevant when an ambitiously sporty style of driving is adopted. The sports instruments consist of displays for the oil and charge-air pressure as well as a chronometer with stopwatch function.

The likewise optional MINI Head-Up Display which extends out of the dashboard behind the steering wheel offers an increased range of functions in the new MINI John Cooper Works Convertible. In addition to information on road speed, speed limits and overtaking bans detected, current navigation directions and Check Control messages, feedback from the driver assistance systems and lists of telephone contacts and entertainment programs, it is also possible to display the currently selected gear and a multicoloured engine speed scale. The engine speed display is supplemented with a shift point signal so as to enable particularly dynamic acceleration manoeuvres, depending on the driving mode selected.

Manoeuvring is facilitated as standard by means of Park Distance Control (PDC) with sensors at the rear of the vehicle. The system is also optionally available with additional sensors in the front apron. A rear view camera and Parking Assistant can also be selected. The Driving Assistant system including camera-based active cruise control, collision and pedestrian warning with initial brake function, high beam assistant and road sign detection are likewise available for the new MINI John Cooper Works Convertible.

### **High-end options for increased open-air pleasure, comfort and individual style.**

Due to its unique vehicle concept and exclusive fittings, the new MINI John Cooper Works Convertible already provides an impressive overall package for extreme driving fun and intense open-air pleasure in its standard trim. With the characteristic MINI diversity offered by the range of optional equipment and accessories, the top athlete additionally offers extensive options for customisation geared precisely towards the driver's own personal style. As an alternative to the standard air conditioning, a 2-zone automatic air conditioning is available that includes a convertible mode. Both when using the sliding roof function and when driving with the top completely open, the impact of the airstream is taken into account when regulating the air conditioning. The likewise optional Always Open Timer inspires drivers to take every opportunity to drive with the top open. The refined version of the system keeps track of the time spent driving with the top open down to the last minute and now displays this information on the on-board computer in the central instrument complete with graphics to match the situation on the road.

In addition, the program of optional equipment includes seat heating for driver and front passenger, Comfort Access, the visibility package including windscreen heating, a rain sensor with automatic driving lights control, electrically heatable and folding exterior mirrors and both interior and exterior mirrors with automatic dip function. The optional MINI Excitement Package includes LED interior and ambient lighting as well as a projection of the MINI logo onto the ground from the exterior mirror on the driver's side when the car is opened.

### **Intelligent connectivity: MINI Connected App including rain warning function.**

The standard Radio MINI Boost including AUX-IN and USB socket can be supplemented with the optional Harman Kardon hi-fi speaker system, for example. Standard features of the new MINI John Cooper Works Convertible also include a SIM card that is permanently installed in the car. This means that Intelligent Emergency Call with automatic detection of vehicle location and accident severity is available, as well as MINI TeleServices.

The option MINI Connected is also available in conjunction with the optional equipment features Radio MINI Visual Boost, MINI navigation system and MINI navigation system Professional. It offers extensive integration of smartphones in the car, allowing the use of internet-based services in the areas of infotainment, communication and driving experience by means of apps. Operation is intuitive and reflects hallmark brand style, using the MINI Controller in the centre console and the colour display in the central instrument.

The current version of the MINI Connected App comprises new functions to increase comfort and driving fun. The online search function makes it easier to find addresses. The applications Sports Instruments and Force Meter can be used to show information on the central instrument display such as the current level of engine power and torque in use as well as longitudinal and transverse acceleration. The function Streetwise provides the driver with tips for an optimum route even before the journey gets underway.

The features of the optional MINI navigation system Professional include an 8.8-inch version of the on-board computer and the MINI Touch Controller with touch-sensitive surface. The option MINI Connected XL is available in conjunction with the MINI navigation system Professional and also includes the Journey Mate function. This helps the driver plan journeys as well as providing appropriate individualised information en route to the destination. The Journey Mate also features a real-time traffic radar function with highly precise and up-to-date traffic information. Another new feature that was developed especially for the new MINI generation is the rain warning function. In the event of potential precipitation as determined based on current weather data, the driver is sent a message via smartphone suggesting that they should close the soft top.

# TECHNICAL SPECIFICATIONS.

## MINI JOHN COOPER WORKS CONVERTIBLE,

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## AUTOMATIC.



Body	MINI John Cooper Works Convertible		MINI John Cooper Works Convertible	
Number of doors/seats		2 / 4		2 / 4
Length/width/height (empty)	mm	3874 / 1727 / 1415		3874 / 1727 / 1415
Wheelbase	mm	2495		2495
Track width, front/rear	mm	1485 / 1485		1485 / 1485
Turning circle	m	10.8		10.8
Fuel tank capacity	approx. l	44		44
Engine oil	l	5.25		5.25
Transmission oil incl. drivetrain	l	lifetime filling		lifetime filling
Unladen weight according to DIN/EU <sup>1)</sup>	kg	1310 / 1385		1320 / 1395
Payload according to DIN	kg	460		460
Permitted gross vehicle weight	kg	1770		1785
Permitted axle loads, front/rear	kg	960 / 820		980 / 820
Permitted trailer load				
braked (12 %) / unbraked	kg	- / -		- / -
Permitted roof load/permitted download	kg	- / -		- / -
Luggage compartment volume (top closed / open)	l	160 / 215		160 / 215
Aerodynamic drag $c_x$ / A / $c_x \times A$	- / m <sup>2</sup> / m <sup>2</sup>	0.36 / 2.08 / 0.75		0.36 / 2.08 / 0.75
<b>Engine</b>				
Type/no. of cylinders/valves		in-line 4 / 4		in-line 4 / 4
Engine control		MEVD 17.2.3		MEVD 17.2.3
Capacity	cc	1998		1998
Bore/stroke	mm	82.0 / 94.6		82.0 / 94.6
Compression	:1	10.2		10.2
Fuel	RON	91-98		91-98
Output	kW / hp	170		170
at engine speed	rpm	5200 - 6000		5200 - 6000
Torque	Nm	320		320
at engine speed	rpm	1250 - 4800		1250 - 4800
<b>Electrical system</b>				
Battery/installation	Ah / -	80 / engine compartment		80 / engine compartment
Alternator	A	150		150
<b>Suspension</b>				
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), 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	14.2		14.2
Tyres		205/45 R17 88Y XL		205/45 R17 88Y XL
Rims		7J x 17 light alloy		7J x 17 light alloy
<b>Transmission</b>				
Transmission type		6-speed manual transmission		6-speed Steptronic transmission
Gear ratio	I	:1	3.923	4.459
	II	:1	2.136	2.508
	III	:1	1.276	1.555
	IV	:1	0.921	1.142
	V	:1	0.756	0.851
	VI	:1	0.628	0.672
Reverse gear		:1	3.538	3.185
Final drive ratio		:1	3.824	3.502
<b>Driving performance figures</b>				
Power-to-weight ratio according to DIN	kg/kW	7.7		7.8
Power output per litre	kW/l	85.1		85.1
Acceleration	0-100 km/h	s	6.6	6.5
Acceleration	80-120 km/h (in 5th gear)	s	6.1	-
Maximum speed	km/h	242		240

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Fuel consumption in EU cycle			
Urban	l/100 km	8.6	7.4
Extra-urban	l/100 km	5.4	5.1
Total	l/100 km	6.5	5.9
CO <sub>2</sub>	g/km	152	138
Other			
Emission rating		EU6	EU6
Insurance rating	3rd party/fully	<sup>2)</sup>	<sup>2)</sup>
Ground clearance (empty)	mm	115	115

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