

The “90 Jahre BMW Motorrad” special models. Contents.



1. 90 years of BMW Motorrad. 90 years of innovative technology, perfection and passion for sheer riding pleasure.	2
2. BMW R 1200 GS Adventure “90 Jahre BMW Motorrad”.	4
3. BMW R 1200 R “90 Jahre BMW Motorrad”.	6
4. BMW R 1200 RT “90 Jahre BMW Motorrad”.	8
5. Technical specifications.	10



1. **90 years of BMW Motorrad. 90 years of innovative technology, perfection and passion for sheer riding pleasure.**

Nine decades of BMW Motorrad. 90 years full of passion for motorcycles, set through with pioneering technical innovations, record-breaking rides, historical racing victories and numerous world championship titles. In addition to guaranteeing riding pleasure for nine decades, BMW has also embodied attributes such as outstanding reliability, uncompromising suitability for everyday riding and lasting value throughout its history. The company is now marking this occasion with three exclusive “90 Jahre BMW Motorrad” (“90 years of BMW Motorrad”) models which showcase these exceptional qualities: the R 1200 GS Adventure, R 1200 R and R 1200 RT.

Three BMW motorcycles which stand as shining examples of the BMW Motorrad success story: The R 1200 GS Adventure, an institution in the long-distance travel enduro segment for ten years, the R 1200 R as a synonym for the traditional BMW roadster and the R 1200 RT, which has been the epitome of the “touring motorcycle” for over three decades.

To this day, BMW Motorrad engineers work to develop two-wheel vehicles just as they did 90 years ago - with a single aim: to constantly improve motorcycling - and since more recently also urban mobility - and above all make it safer. With its groundbreaking technical innovations, BMW Motorrad has set milestones in the history of motorcycle construction, including the introduction of the first ABS system almost 25 years ago, the presentation of the first telescopic fork in serial production motorcycles in 1935, introduction of the Telelever as a solution for front wheel suspension in 1993 and most recently the first semiactive suspension in a serial production motorcycle – Dynamic Damping Control DDC, as fitted in the supersports bike HP4 from the end of 2012.

But nine decades of BMW Motorrad also reflect a tradition of well-established values and technologies. To this day, most BMW motorcycles still feature the maintenance-free shaft drive to the rear wheel for example.

And contrary to short-lived, supposedly fashionable trends, solid and innovative technology made by BMW Motorrad - without short-term changes in concept - has enjoyed a constant growth in popularity among motorcycling enthusiasts for many years.

2. BMW R 1200 GS Adventure “90 Jahre BMW Motorrad”.



The past three out of a total of nine decades of BMW Motorrad were particularly defined by the legendary BMW GS series, and BMW GS motorcycles with opposed-twin “boxer” engine have developed constantly ever since the very first GS of 1980. Whether in off-road racing, as a travel enduro bike or as an indestructible partner on expeditions – BMW GS models have long become a permanent feature of the market for enduro motorcycles.

No other long-distance travel enduro bike stands for pure adventure on two wheels like the BMW R 1200 GS Adventure. The name says it all. A fuel tank capacity of 33 litres allows lengthy non-stop journey stages even in remote corners of the earth while longer spring travel makes it fit for even the toughest tracks, and with an output of 81 kW (110) bhp and powerful torque of 120 Nm, its DOHC boxer engine provides supreme performance both on and off the road. In line with the BMW Motorrad principle “Safety 360°” the Adventure special model is also fitted as standard with BMW Motorrad ABS, here in the part integral version.

To mark this special occasion, BMW Motorrad is now adding an exclusive special model - the R 1200 GS Adventure “90 Jahre BMW Motorrad”. The travel enduro is already well equipped as standard, and is now further enhanced with an elaborately conceived colour concept.

The R 1200 GS Adventure “90 Jahre BMW Motorrad” special model emphasises the adventurous character and sporting genes of the big BMW travel enduro. It features an exclusive paint finish in Sapphire black metallic for the upper front fender (“beak”) and tank cover. An aluminium knee cover anodised in Olive grey and a special **model inscription** highlight the bike's authentic, masculine character as do the swingarm and rear frame in Asphalt grey metallic matt. To provide a perfect match for the overall look, the surface of the seat is finished in Luxor olive grey with flanks in Seta black.

The anodized black Paralever strut and the engine finished entirely in black matt combined with cylinder head covers in Granite grey metallic matt give the R 1200 GS Adventure “90 Jahre BMW Motorrad” a touch of both refinement and technological flair. By way of a fascinating technical contrast, the fixed fork tubes and brake callipers at front and rear are anodised in gold. Meanwhile an exclusive nickel-plated and polished brass plate bearing the inscription “90 Jahre BMW Motorrad” replaces the BMW logo on the upper fork bridge.

Above and beyond this, the R 1200 GS Adventure special model “90 Jahre BMW Motorrad” can be individually supplemented with special accessories and options from the extensive BMW Motorrad range, with the exception of standard paint finishes.

The highlights of the BMW R 1200 GS Adventure “90 Jahre BMW Motorrad”.

- Paint finish in Sapphire black metallic for the upper front fender and tank cover.
- Aluminium knee cover anodised in Olive grey.
- Special model inscription.
- Swingarm and rear frame finished in Asphalt grey metallic.
- Paralever strut anodised in black.
- Cylinder head covers in Granite grey metallic matt.
- Engine in Black matt.
- Exclusive nickel-plated and polished brass plate instead of the BMW logo on the upper fork bridge.
- Fixed fork tubes and brake callipers at front and rear anodised in gold.
- Seat in Luxor olive grey / Seta black.
- Extensive fittings and individually tailored accessories to the familiar high standards of BMW Motorrad.

3. **BMW R 1200 R** **“90 Jahre BMW Motorrad”.**



To this day, BMW Motorrad cultivates its long-lasting tradition of classic, naked motorcycles with the R 1200 R. With a spirited output of 81 kW (110 bhp), it provides a virtually ideal synthesis within the boxer series of riding dynamics, agility and classic motorcycle design. Featuring a classic combination of light-footed handling, sound riding stability, powerful response and balanced ergonomics, it offers maximum riding fun and purist motorcycling pleasure. In line with the BMW Motorrad principle “Safety 360°” the R 1200 R special model is of course likewise fitted as standard with BMW Motorrad Integral ABS.

To mark 90 years of BMW Motorrad, BMW Motorrad is now presenting a special model of the legendary roadster, further enhancing the powerful all-round qualities of the R 1200 R with an exclusive colour concept.

The R 1200 R “90 Jahre BMW Motorrad” special model emphasises those classic genes which have always been hallmark features of naked BMW motorcycles with boxer engine: purist, elegant lines, technology open to view and everything painstakingly perfected down to the last detail in true BMW Motorrad style.

A paint finish in Sapphire black metallic for the front fender, fuel tank and rear trim and a special model inscription give the R 1200 R “90 Jahre BMW Motorrad” a classic, refined look. The swingarm, trailing arm and rear frame in Asphalt grey metallic matt highlight the technical, purist flair of this exclusive R 1200 R.

Meanwhile the dynamic side of the R 1200 R “90 Jahre BMW Motorrad” is borne out by the DOHC boxer engine finished in black and the black anodised Paralever strut. Here a fitting contrast is provided by the cylinder head covers, wheels, fork bridge and front axle bearings in Granite grey metallic matt.

Additional technical accentuations are the fixed fork tubes and brake callipers anodised in gold. The exclusive look of this R 1200 R special model is rounded off with a nickel-plated and polished brass plate bearing the inscription “90 Jahre BMW Motorrad” which replaces the BMW logo on the upper fork bridge.

Above and beyond this, the R 1200 R special model “90 Jahre BMW Motorrad” can be individually supplemented with special accessories and options from the extensive BMW Motorrad range, with the exception of standard paint finishes.

The highlights of the BMW R 1200 R Adventure “90 Jahre BMW Motorrad”.

- Front fender, fuel tank and rear trim finished in Sapphire black metallic.
- Special model inscription.
- Swingarm, trailing arm and rear frame finished in Asphalt grey metallic.
- Paralever strut anodised in black.
- Wheels, cylinder head covers, fork bridge and front axle bearings in Granite grey metallic matt.
- Engine in black matt.
- Exclusive nickel-plated and polished brass plate instead of the BMW logo on the upper fork bridge.
- Fixed fork tubes and brake callipers at front and rear anodised in gold.
- Extensive fittings and individually tailored accessories to the familiar high standards of BMW Motorrad.

4. BMW R 1200 RT “90 Jahre BMW Motorrad”.



First-class motorcycle travel has a name: BMW RT. For over 30 years, the BMW Motorrad RT model have stood for the very best in riding comfort combined with unsurpassed handling and impressive forward propulsion - and therefore the highest level of motorcycling pleasure. Even when travelling with a passenger and large amounts of luggage over long distances - a motorcycle such as the R 1200 RT offers comfort and supremacy as well as switching comfortably to sporty, dynamic mode whenever needed.

It is no coincidence that the R series remains one of the central cornerstones of the BMW Motorrad model range to this day - an excellent reason to present another exclusive special model in the form of the R 1200 RT “90 Jahre BMW Motorrad”.

Powered by the dynamic, high-torque DOHC boxer engine with an output of 81 kW (110 bhp) with impressive torque and an extensive range of touring features as standard, the special model of the R 1200 RT is now presented with a particularly exclusive visual appearance to mark 90 years of BMW Motorrad. Here the front fender, central fuel tank section, side trim at front and rear, rear trim panels, radio cover, mirror housings and case lids are finished in Sapphire black metallic, with a special model inscription underscoring the unique character of this RT.

As a touch of refinement and rich contrast, the luggage carrier and handles, tank rail, instrument panel and tank lid are finished in Magnesium metallic matt. Meanwhile, the handlebar halves and fork bridge in Magnesium metallic matt reflect the model's sophisticated technology - the fork bridge also featuring an exclusive nickel-plated and polished brass plate to replace the traditional BMW logo.

Dynamic performance and supremacy are reflected in the R 1200 RT “90 Jahre BMW Motorrad” with the DOHC engine finished entirely in black matt apart from the gearbox housing, along with the anodised black Paralever strut. The swingarm and footrest base plates in Asphalt grey metallic together with wheels, cylinder head covers and front axle bearings in Granite grey metallic matt lend a striking touch of distinction.

Above and beyond this, the R 1200 RT special model “90 Jahre BMW Motorrad” can be individually supplemented with special accessories and options from the extensive BMW Motorrad range, with the exception of standard paint finishes.

The highlights of the BMW R 1200 RT “90 Jahre BMW Motorrad”.

- Front fender cover, central fuel tank section, side trim at front and rear, rear trim panels, radio cover, mirror housings and case lids finished in Sapphire black metallic.
- Engine spoiler in Ostra grey metallic.
- Special model inscription.
- Luggage carrier and handles, tank rail, cockpit frame and tank lid finished in Magnesium metallic matt.
- Handlebar halves and upper fork bridge in Magnesium metallic matt.
- Swingarm and footrest base plates in Asphalt grey metallic matt.
- Paralever strut anodised in black.
- Wheels, cylinder head covers and front axle bearings in Granite grey metallic matt.
- Engine in black matt apart from gearbox housing.
- Exclusive nickel-plated and polished brass plate instead of the BMW logo on the upper fork bridge.
- Fixed fork tubes and brake callipers at front and rear anodised in gold.
- Extensive fittings and individually tailored accessories to the familiar high standards of BMW Motorrad.

5. Technical specifications. BMW R 1200 GS Adventure.



BMW R 1200 GS Adventure		
Engine		
Capacity	cc	1,170
Bore/stroke	mm	101/73
Output	kW/hp	81/110
at engine speed	rpm	7,750
Torque	Nm	120
at engine speed	rpm	6,000
Type	Air/oil-cooled 2-cylinder boxer engine	
Compression/fuel	12.0:1/unleaded petrol (95-98 RON), Rated output at 98 RON, (option: 91 RON)	
Valve actuation	DOHC (double overhead camshaft), cam followers	
Valves per cylinder	4	
Ø intake/outlet	mm	39/33
Ø throttle valve	mm	50
Carburetion	Electronic intake pipe fuel injection, electronic engine control system BMS-K+	
Emission control	Closed-loop 3-way catalytic converter	
Electrical system		
Alternator	W	720
Battery	V/Ah	12/14, maintenance-free
Headlight	High/low-beam: 12 V/55 W, halogen	
Rear light	LED brake/rear light	
Starter	kW	1.1
Power transmission/gearbox		
Clutch	Single-disc dry clutch Ø 180 mm, hydraulically activated	
Gearbox	Constant mesh 6-speed gearbox	
Primary ratio	1.737	
Gear transmission ratios	I	2.375 (option: 2.600)
	II	1.696
	III	1.296
	IV	1.065
	V	0.939
	VI	0.848
Rear wheel drive	Shaft drive	
Transmission ratio	2.91	
Chassis		
Frame construction type	Tubular space frame in steel, engine self-supporting	
Front wheel suspension	BMW Telelever	
Rear wheel suspension	BMW Paralever	
Spring travel, front/rear	mm	210/220
Wheel castor	mm	89
Wheelbase	mm	1,510
Steering head angle	°	65.2
Brakes	front	Hydraulically activated twin disc brake, Ø 305 mm
	rear	Hydraulically activated single disc brake, Ø 265 mm, BMW Motorrad Integral ABS as standard (part integral, disengageable)
Wheels	Cross-spoke wheels.	
	front	2.5 x 19"
	rear	4.0 x 17"
Tyres	front	110/80 R 19
	rear	150/70 R 17

BMW R 1200 GS Adventure

Dimensions and weights

Total length	mm	2,240
Total width with mirrors	mm	990
Seat height	mm	890/910
DIN unladen weight, road ready	kg	263
Permitted total weight	kg	475
Fuel tank capacity	l	33

Performance figures

Fuel consumption		
90 km/h	l/100 km	4.6
120 km/h	l/100 km	6.1
Acceleration		
0-100 km/h	s	3.8
Maximum speed	km/h	>200

BMW R 1200 R.

BMW R 1200 R		
Engine		
Capacity	cc	1,170
Bore/stroke	mm	101/73
Output	kW/hp	81/110
at engine speed	rpm	7,500
Torque	Nm	119
at engine speed	rpm	6,000
Type	Air/oil-cooled 2-cylinder boxer engine	
No. of cylinders	2	
Compression/fuel	12.0:1/unleaded petrol (95-98 RON) rated output at 98 RON, (optional: 91 RON)	
Valve actuation	DOHC (double overhead camshaft), cam followers	
Valves per cylinder	4	
Ø intake/outlet	mm	39/33
Ø throttle valve	Mm	50
Carburetion	Electronic intake pipe fuel injection, electronic engine control system BMS-K+	
Emission control	Closed-loop 3-way catalytic converter	
Electrical system		
Alternator	W	720
Battery	V/Ah	12/14, maintenance-free
Headlight	High/low-beam: 12 V/55 W, halogen	
Rear light	Brake light: 12V/21W, rear light: 12V/5W	
Starter	kW	1.2
Power transmission/gearbox		
Clutch	Single-disc dry clutch, hydraulically activated	
Gearbox	Constant mesh 6-speed gearbox	
Primary ratio	1.737	
Gear transmission ratios	I	2.375
	II	1.696
	III	1.296
	IV	1.065
	V	0.939
	VI	0.848
Rear wheel drive	Shaft drive	
Transmission ratio	2.75	
Chassis		
Frame construction type	Tubular space frame in steel, engine self-supporting	
Front wheel suspension	BMW Telelever	
Rear wheel suspension	BMW Paralever	
Spring travel, front/rear	mm	120/140
Wheel castor	mm	119.1
Wheelbase	mm	1,495
Steering head angle	°	62.9
Brakes	front	Hydraulically activated twin disc brake, Ø 320 mm
	rear	Hydraulically activated single disc brake, Ø 265 mm, BMW Motorrad Integral ABS as standard (part integral, disengageable)
Wheels	Light alloy cast wheels	
	front	3.50 x 17"
	rear	5.50 x 17"
Tyres	front	120/70-ZR 17
	rear	180/55-ZR 17

BMW R 1200 R

Dimensions and weights

Total length	mm	2,145
Total width with mirrors	mm	906
Seat height (without rider)	mm	800 (option 830, 760, 750)
DIN unladen weight, road ready	kg	231
Permitted total weight	kg	450
Fuel tank capacity	l	18

Performance figures

Fuel consumption		
90 km/h	l/100 km	4.1
120 km/h	l/100 km	5.5
Acceleration		
0-100 km/h	s	3.5
Maximum speed	km/h	> 200

BMW R 1200 RT.

BMW R 1200 RT		
Engine		
Capacity	cc	1,170
Bore/stroke	mm	101/73
Output	kW/hp	81/110
at engine speed	rpm	7,750
Torque	Nm	120
at engine speed	rpm	6,000
Type	Air/oil-cooled 2-cylinder opposed-twin engine	
Compression/fuel	12.0:1/premium unleaded (95-98 RON), rated output at 98 RON	
Valve actuation	DOHC (double overhead camshaft), cam followers	
Valves per cylinder	4	
Ø intake/outlet	mm	39/33
Ø throttle valve	mm	50
Carburetion	Electronic intake pipe fuel injection, electronic engine control system BMS-K+	
Emission control	Closed-loop 3-way catalytic converter	
Electrical system		
Alternator	W	720
Battery	V/Ah	12/19, maintenance-free
Headlight	High/low-beam: 12 V/55 W, halogen	
Rear light	Brake/rear light	
Starter	kW	1.2
Power transmission/gearbox		
Clutch	Single-disc dry clutch Ø 180 mm, hydraulically activated	
Gearbox	Constant-mesh 6-speed gearbox	
Primary ratio	1.737	
Gear transmission ratios	I	2.375
	II	1.696
	III	1.296
	IV	1.065
	V	0.939
	VI	0.848
Rear wheel drive	Shaft drive	
Transmission ratio	2.62	
Chassis		
Frame construction type	Tubular space frame in steel, engine self-supporting	
Front wheel suspension	BMW Telelever	
Rear wheel suspension	BMW Paralever	
Spring travel, front/rear	mm	120/135
Wheel castor	mm	116
Wheelbase	mm	1,485
Steering head angle	°	63.8
Brakes	front	Hydraulically activated twin disc brake, Ø 320 mm
	rear	Hydraulically activated single disc brake, Ø 265 mm, BMW Motorrad Integral ABS as standard (part integral)
Wheels	Light alloy cast wheels	
	front	3.5 x 17"
	rear	5.5 x 17"
Tyres	front	120/70 ZR 17
	rear	180/55 ZR 17

BMW R 1200 RT

Dimensions and weights

Total length	mm	2,230
Total width with mirrors	mm	905
Seat height	mm	Standard: 820–840/option: 780–800 Option: Lowered suspension 750 Option: Seat, extra low 765 Special accessory: Comfort seat 785
Unladen weight to DIN, road ready	kg	263 (without cases)
Permitted total weight	kg	495
Fuel tank capacity	l	25

Performance figures

Fuel consumption		
90 km/h	l/100 km	4.1
120 km/h	l/100 km	5.2
Acceleration		
0–100 km/h	s	3.8
Maximum speed	km/h	>200