

BMW Motorrad
Tourers



R 1200 RT

The Ultimate
Riding Machine

R 1200 RT

Passion on tour.





N 63° 01' 15"
E 07° 20' 30"



A trip to the top of the world.

Norway has been home to such legendary travellers as Leif Erikson and Roald Amundsen. So what could be better than touring through its unspoilt backwaters on the BMW R 1200 RT. A perfect opportunity to discover the outstanding riding dynamics and superb comfort of this truly innovative tourer that is in every respect a joy to ride. Climb on and fire up the EVO boxer engine – then simply head off deep into the land of the fjords.





N 62° 06' 00"
E 07° 12' 00"



The power of Thor's hammer. The speed of Odin's stallion.

The magical powers of the Norse gods could almost have served as the model for the EVO boxer engine in the BMW R 1200 RT. Producing more than 81 kW (110 bhp) and with a maximum torque of 115 Nm, it simply powers ahead – all 259 kg* of this impressive tourer. Soar across the fjords to meet the sun's first rays.



* Unladen weight, road ready, without panniers

From Kristiansand to the North Cape, it's one long street party.

Midsummer night is drawing closer, but there's another reason to celebrate – the chassis of the BMW R 1200 RT. Equipped with the BMW Motorrad EVO Paralever and Telelever, it delivers sensational handling through every corner. The sun won't be setting up here tonight. With the R 1200 RT, it never does.



N 61° 56' 18"
E 05° 06' 48"





N 63° 52' 00"
E 09° 55' 60"



Relaxed or driven. Choose your intensity level.

With Norway's countless natural wonders and idyllic fishing villages, you're going to find it hard to bid farewell. But there's one thing you can say goodbye to: manually setting your suspension. Using optional ESA – Electronic Suspension Adjustment – you can adjust the damping to your personal riding style at the touch of a button. Alone or with a passenger, with luggage or without: whatever the surface, whatever the circumstances, the perfect ride.

The seafarer's diet. Storms with a pinch of salt.

Winds can get pretty wild on the North Sea coast. But thanks to the windshield on the BMW R 1200 RT, you don't have to worry. With its aerodynamic cowling, you're fully protected from all those cool summer breezes you'll encounter at this latitude.

N 62° 28' 00"
E 06° 01' 00"



Technology
Rider Equipment
Optional Equipment
Accessories
Colours and
technical data

Tourer
R 1200 RT

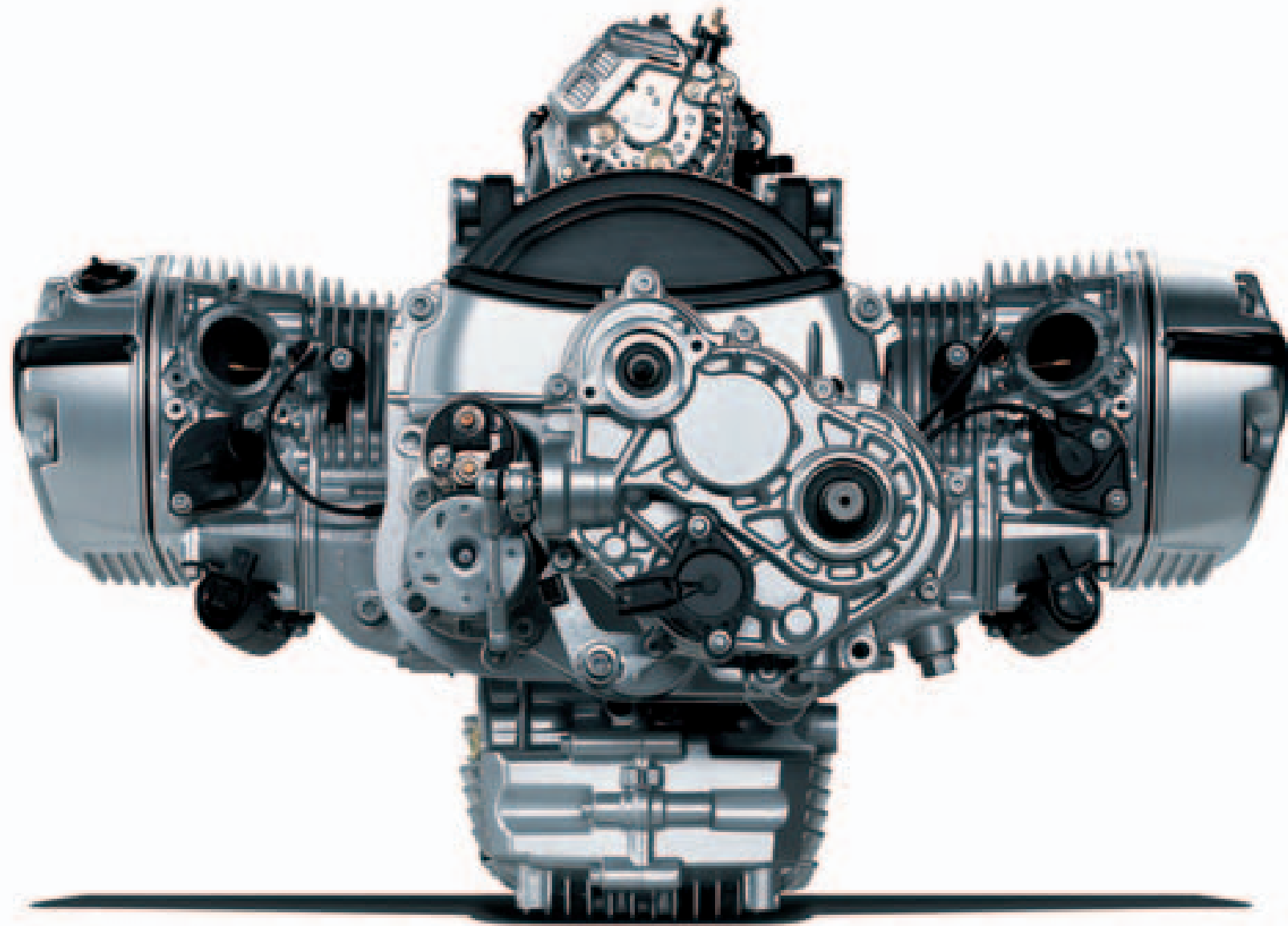


Norse legend has it that as the gods Odin, Honir and Lodur were walking along the beach one day, they found two logs. From these, they made the first two humans: Ask, the man, and his wife, Embla. From then on, Midgard – the world of men – would be their home, and that of their descendants, the race of explorers, warriors and traders that we call the Vikings.

But Norway is not just about ancient history. It's also paradise for the motorcycle rider. Between Cape Lindesnes in the south and the North Cape, no fewer than 90,262 kilometres of road offer an open invitation to the tour-loving biker. Norway's coastline measures 2,650 kilometres in theory, but if you take into account all the fjords, bays and offshore islands you can just about multiply that figure by ten and the wealth of natural beauty by at least as much. Plus marvellous roads with countless corners that are sure to set the heart of any motorcycle rider beating just that little bit faster.

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The best boxer engine of all time.



Built to travel.

Despite the incorporation of an additional counterbalance shaft, lightweight construction techniques ensure greatly reduced weight. At the same time, the engine comes equipped with an even more comprehensive sensor system which, together with the BMS-K engine electronics, delivers enhanced performance and more torque, while lowering fuel consumption. These electronics mean the BMW R 1200 RT does not need a separate choke. In addition, two lambda sensors combined with a regulated 3-way catalytic converter serve to further reduce emissions. Knock sensors and advanced double ignition guarantee optimum combustion, with the benefit of lower consumption and reduced emission values. Once again, BMW has proved it's also out in front when it comes to concern for the environment.

Shift easy.

The design of the BMW R 1200 RT's gearbox has numerous advantages: the helical-cut gears engage particularly softly, reducing running noise. Gear changes are initiated using a special sliding sleeve which, in combination with the optimised selection mechanism, makes for easier gear shifting requiring shorter gear paths and less effort.

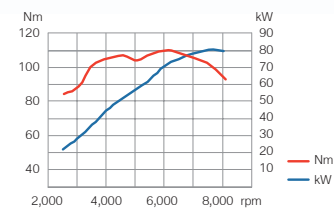
The perfect travelling companion – low weight, high power.

The BMW R 1200 RT stands out on account of its low weight and high performance, leading to noticeably improved riding dynamics. Weighing just 259 kg* but generating 81 kW (110 bhp), the R 1200 RT simply powers ahead. As it does so, the familiar virtues of the boxer principle become even clearer: maximum torque of 115 Nm and a smooth, yet powerful thrust from idle. Annoying vibrations are effectively eliminated by the counterbalance shaft. In addition to the power and dynamism generated by this characterful power plant, the rider's emotion levels receive a hefty boost, too.

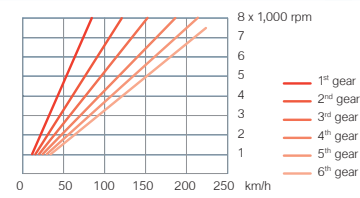
* Unladen weight, fully fuelled/road-ready, without panniers

Your best insurance policy. The brake system.

The tried-and-tested BMW Motorrad EVO brake system has been specially adapted to the needs of this powerful, dynamic motorcycle. The front disc brake has a diameter of 320 mm, enabling it to cope with the enormous deceleration forces produced. The brake line distributor for the two front calipers is elegantly integrated into the fork brace. Steel flex brake lines create a stable, lasting pressure point. The partially integral version of BMW Motorrad's Integral ABS system is fitted as standard, with braking applied to both wheels via the hand brake lever, and the footbrake acting solely on the rear wheel. The system features a brake booster, for optimum braking performance with minimum effort and maximum precision. Its construction is lightweight and yet highly durable, for years of uninterrupted riding pleasure.



Power and responsiveness guaranteed, with a maximum torque of 115 Nm.



The diagram clearly shows how the gear ratios have been chosen for optimum performance. Note the responsive, short sixth gear.

A perfect ride on any road. Electronic Suspension Adjustment (ESA).

Up until now, different surfaces, varying loads and individual riding styles all made manual suspension adjustment a tricky business. Achieving optimum balance in the preloading of springs and suspension requires a great deal of experience and judgment. The BMW R 1200 RT does away with manual suspension tuning, thanks to the innovative Electronic Suspension Adjustment (ESA) system,* which allows riders to set up the suspension for different types of riding at the touch of a button. For example, the Sport (with luggage) setting might be chosen for motorways, Normal (with passenger) might be better on country roads, and for uneven surfaces Comfort is probably best. The setting currently selected is displayed on the Info Flatscreen.

* Available as an optional extra

Designed to suit the rider.

At BMW Motorrad, the rider is at the centre of everything we do. That's why we make sure we incorporate the latest learnings from ergonomics into the development of new models, ensuring that they are perfectly integrated into the bike's design. Every rider knows that the wider the seat, especially towards the front, the harder it is to reach the floor with your feet – whatever the seat height. The seat of the BMW R 1200 RT has been optimised in terms of step length, leaving it markedly slimmer towards the front, thus giving more freedom of movement when riding and making it easier to reach the floor when at a standstill. At the rear, the seat broadens out for more comfort. Standard seat heights of 820 mm or 840 mm can be specified by the rider, in addition to the optional lower-set heights of 780 mm and 800 mm. The ergonomic triangle formed by the footrest, seat and handlebars is designed to ensure a relaxed, fatigue-free ride, even on long journeys. In addition, the slim lines of the seat/tank area allow for the perfect knee posture, for increased control and comfort. The windshield, its design perfected in wind tunnel tests, can be electrically set on a continuous scale and offers riders of whatever size not only outstanding protection from wind and rain, but also a significantly lower level of noise. The grip handles are adjustable too, and have been designed along ergonomic principles. In addition, the reduced force necessary to operate brakes, accelerator and clutch, means it is easier to control the motorcycle, thus making an important contribution to active safety.

Load settings.

When stationary and with the engine running, the rider can adjust suspension preload to the level of load at the touch of a button.

Damper settings.

ESA makes it possible for riders to adjust the suspension settings, to suit their own personal riding style and road conditions. At the touch of a button, riders are able to choose between three settings (Normal, Comfort and Sport) for front and rear suspension. The dampers are then adjusted automatically to give the appropriate ride for the selected setting.

Perfect road holding, all the time.

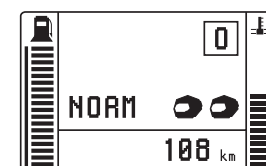
With its easy operation and optimised chassis tuning, ESA makes a significant contribution to rider safety and comfort. It is exclusive to BMW Motorrad.

Looking good.

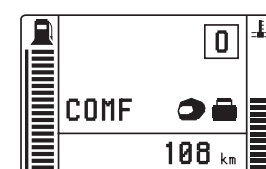
You couldn't make information any clearer. The ergonomical design of the BMW R 1200 RT extends to the cockpit. All the instruments are incorporated seamlessly and stylishly into the dashboard. The tachometer and rev counter, for example, are classic round dials. The Info Flatscreen serves as the R 1200 RT's information interface, showing mileage readings, oil temperature, fuel level, range, time and gear currently selected. With integrated ESA, the Info Flatscreen can also display the chosen suspension setting. When it comes to longer trips, you'll find the on-board computer particularly useful. Available as an optional extra, it warns the rider of low oil level or black ice on the road, and can display average fuel consumption, average speed and the ambient temperature. To ensure that all the information can be easily read, the cockpit of the BMW R 1200 RT is equipped with light-sensitive instrument lighting that automatically adapts to the current light conditions.



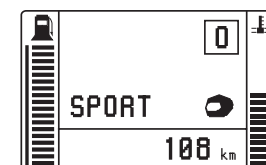
ESA sample settings:



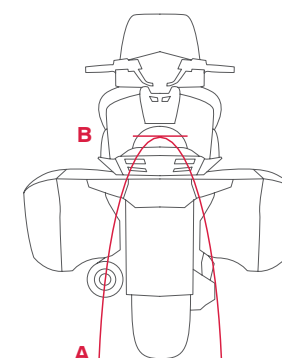
ESA normal setting: the standard setting for everyday riding.
Illustrated: spring preload for rider with passenger or rider with passenger and luggage.



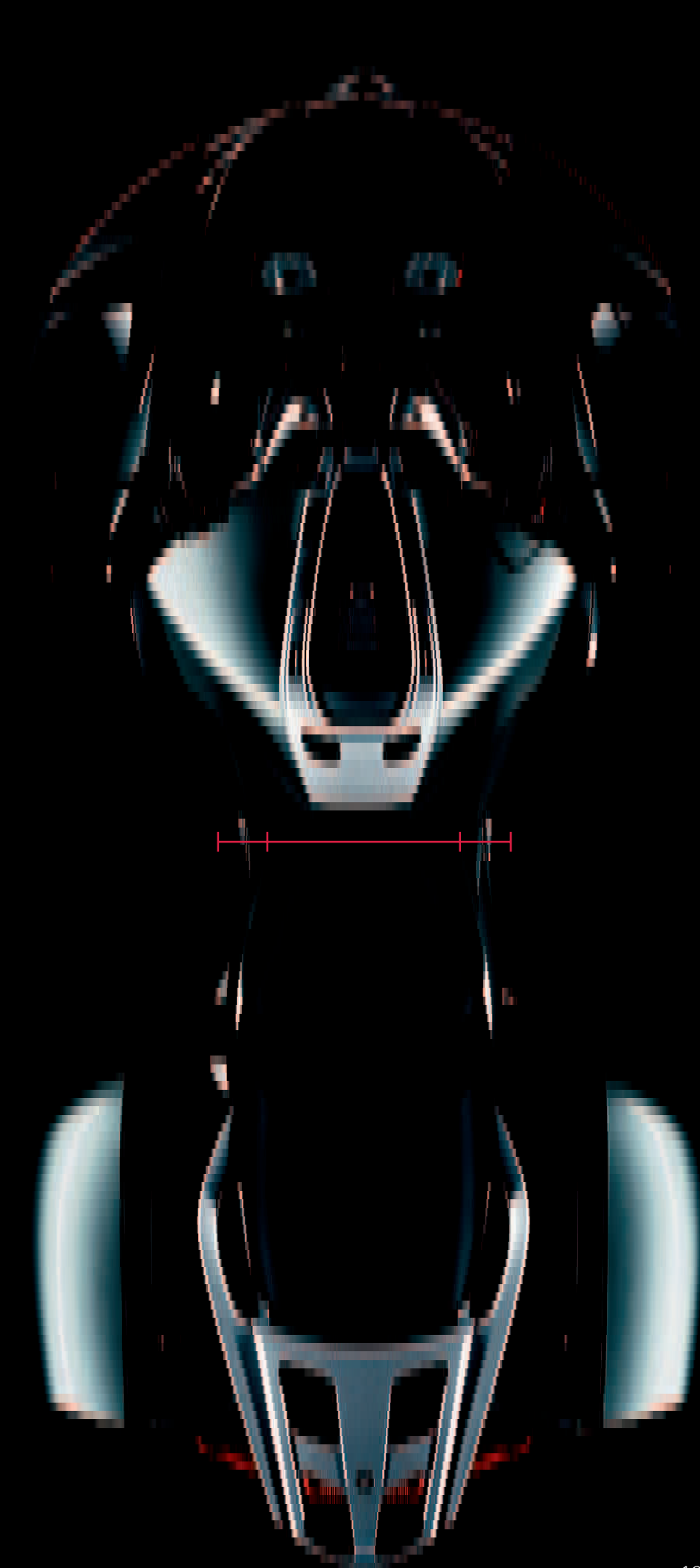
ESA comfort setting: for sports touring.
Illustrated: spring preload for rider and luggage.



ESA sport setting: for more involving feedback during hard riding.
Illustrated: spring preload for rider.



Using the latest thinking in ergonomics, both the step length (A) and the seat height (B) are taken into account on the BMW R 1200 RT for the perfect seating position and optimum control.



First class on two wheels. The chassis.

Give every road a five-star rating.

With the BMW Motorrad EVO Telelever.

BMW Motorrad boxer engines are paired with an especially light version of the patented BMW Motorrad EVO Telelever, combining the advantages of a telescopic fork with swinging arm construction. Out on the road, not only does the BMW Motorrad EVO Telelever guarantee a particularly sensitive response, it also offers high longitudinal stiffness and optimum riding and steering stability, even at top speed. In addition, brake dive is kept to a minimum, meaning the BMW Motorrad ABS has perfect conditions in which to perform its work.

Freedom and control.

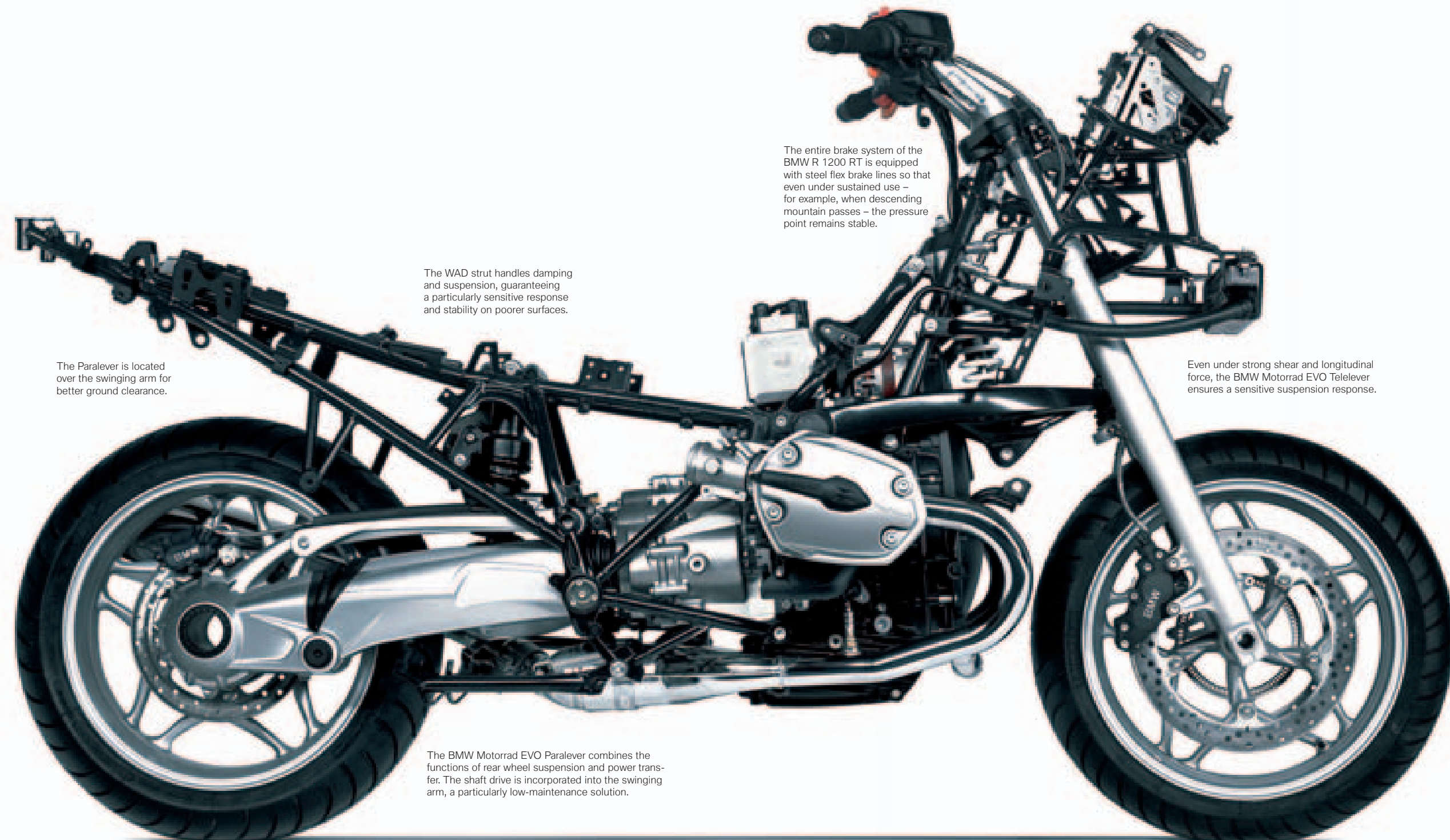
The BMW Motorrad EVO Paralever.

The BMW Motorrad EVO Paralever combines the functions of rear wheel suspension and power transfer. The Paralever brace, which serves to minimise load change reactions, is situated over the swinging arm for better ground clearance. The reduced gear rotation speed allows for a smaller, lighter rear wheel differential. Similarly, the concave rear axle uses an innovative, lightweight construction and works together with the weight-optimised swinging arm to significantly reduce unsprung mass, enabling the chassis to react quicker to jolts. Suspension and damping

is handled by a WAD strut (travel-dependent damping). Using this system, compression damping increases with compression, making for highly sensitive response and stability, even on poor surfaces. The overall performance of the chassis impresses through its optimum comfort and perfect road grip, whether you are riding your BMW R 1200 RT alone, or with a passenger and a full load of luggage.

Power and passion. The EVO shaft drive.

The shaft drive of the R 1200 RT is incorporated into the Paralever system, its low weight contributing to the motorcycle's sporty response and performance. Not only does it require very little maintenance, a real plus on longer tours, it is also extremely durable.



The entire brake system of the BMW R 1200 RT is equipped with steel flex brake lines so that even under sustained use – for example, when descending mountain passes – the pressure point remains stable.

The WAD strut handles damping and suspension, guaranteeing a particularly sensitive response and stability on poorer surfaces.

The Paralever is located over the swinging arm for better ground clearance.

Even under strong shear and longitudinal force, the BMW Motorrad EVO Telelever ensures a sensitive suspension response.

The BMW Motorrad EVO Paralever combines the functions of rear wheel suspension and power transfer. The shaft drive is incorporated into the swinging arm, a particularly low-maintenance solution.

Light'n Easy suit: the lightweight champion.

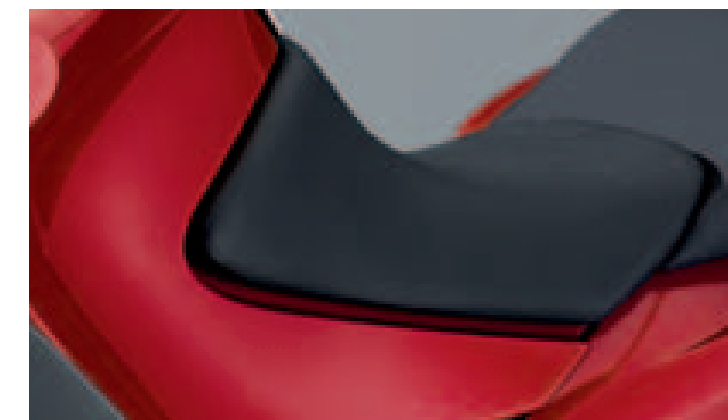
The Light'n Easy suit weighs 25 per cent less than comparable suits, making it the lightest waterproof motorcycle suit in the BMW Motorrad range – without compromising on safety or comfort. This weight saving is made possible through the use of the lightest Dynatec 3-layer laminate in the world, in combination with new, light CE protectors. This special laminate is so tightly bonded to the outer layer and membrane that even in heavy rain it simply can't soak up water. Whatever the weather, enjoy unrivalled comfort. Find out more about BMW Rider Equipment at bmw-motorrad.com/riderspoint.



Every little helps. Factory-fitted optional equipment.



The right setting, wherever you go. **ESA** (Electronic Suspension Adjustment) is a unique feature in the world of motorcycles. Just press the button to choose the perfect chassis setting for the perfect tour.



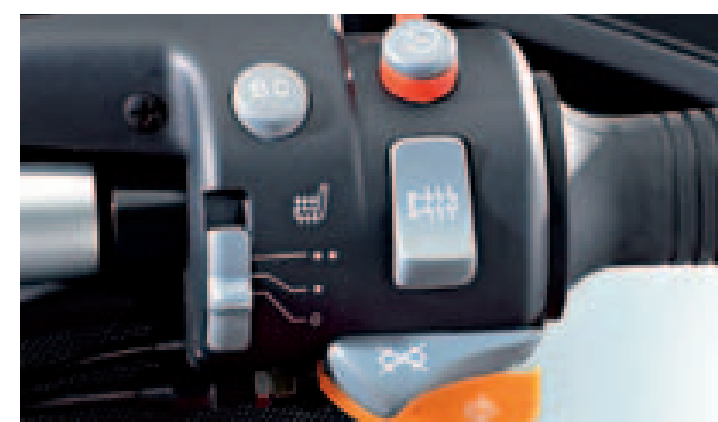
The BMW R 1200 RT's **lowered seat** (780/800 mm) ensures a safe ride, without making any compromises on comfort. Available in Black or Grey.



The **radio with CD player**. What could be better than sweeping through corners to the sound of your favourite music?



A striking option: **White indicator** glasses.



Flexibility is key when travelling. The two-setting **seat heating** on the R 1200 RT means rider and passenger can enjoy relaxed touring, even in the coldest regions. Warm hands steer better, too. Even in extreme weather, the choice of two settings on the **heated grips** means your hands will always remain beautifully warm.

With the BMW R 1200 RT, you can set off safe in the knowledge that you have everything you need for your journey. BMW Motorrad's comprehensive range of optional equipment gives you that little bit extra comfort and security. Design your BMW R 1200 RT just the way you want, to suit your needs.

Also available as optional equipment:

- on-board computer with oil level indicator
- radio presets
- speed control
- chromed exhaust system
- additional power socket
- anti-theft alarm system

On the road essentials. Accessories from your BMW Motorrad Dealer.



Practical **inner bag** for the standard pannier, made from high-quality nylon. Comes with stowable carrying handle, detachable shoulder strap and inner compartments.



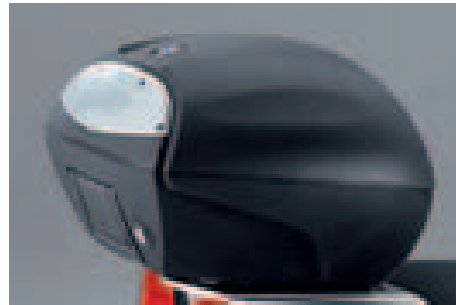
The **tank bag** is fastened easily to the fitting plate (fitted as standard) using the built-in locking mechanism, and unfastening it is just as simple. The volume of the waterproof main compartment can be expanded from 13 to 19 litres, and a small section for stowing bits and pieces is also included.



Should the worst come to the worst, optional **cylinder protection** offers additional insurance against damage.



With its large 49-litre capacity, the watertight **topcase** offers sufficient space to store two helmets and is fitted as standard with a back rest. A single key system is available as an option.



This compact, waterproof **topcase** has a 28-litre capacity, enough to store the rider's helmet. Back rest and single key system are offered as an option. The case can be easily attached to the luggage grid by hand.



The **inner bag** of the topcase means your luggage stays totally dry. Made from high-quality nylon with carrying handle and detachable shoulder strap.



Stay on course, wherever you're headed, with the BMW Motorrad Navigator II plus. It combines four functions – GPS receiver, compass, trip computer and a route planner that can hold street-by-street directions for the whole of Europe – into a single device. And thanks to the battery pack, you can take it with you and use it even when you're not on your R 1200 RT.

Good preparation is the key to a successful trip and these functional solutions help turn every journey into an experience. Your BMW Motorrad dealer will be happy to show you the wide range of accessories you can add to your motorcycle from the BMW Motorrad range of extras.

Other accessories available include:

- BMW Motorrad Navigator
- BMW Motorrad Navigator connector cable
- BMW Motorrad Navigator mounting
- toolkit extension
- up to two additional power sockets
- small topcase back rest
- radio preparation (only without optional radio)
- impact guards for left and right saddle bags
- anti-theft alarm system

Colours and technical data.

Because its not only the rider who should enjoy the view out on the road, the BMW R 1200 RT comes in three stylish colours, guaranteed to please the eye. In addition, two engine spoiler colours (Dark Slate Metallic or White Aluminium Matt Metallic) and two seat colours (Grey or Black) can be combined with the paintwork, to suit the rider's individual taste.



Paintwork: Piemont Red Metallic
Seat colour: Black
Engine spoiler: Dark Slate Metallic



Paintwork: Granite Grey Metallic
Seat colour: Black
Engine spoiler: Dark Slate Metallic



Paintwork: Dark Graphite Metallic
Seat colour: Black
Engine spoiler: White Aluminium Matt Metallic

Engine	
Type:	Air/oil-cooled 4-stroke, 2 cylinder boxer, one camshaft, four valves per cylinder, central balance shaft
Bore x stroke:	101 mm x 73 mm
Capacity:	1,170 cc
Output:	81 KW (110 bhp) at 7,500 rpm
Max torque:	115 Nm at 6,000 rpm
Compression ratio:	12.0:1
Fuel/engine management:	Electronic intake pipe injection/digital engine management: BMS-K with overrun fuel cut-off, double ignition
Emission control:	Regulated 3-way catalytic converter with one lambda sensor per cylinder

Performance/fuel consumption

Maximum speed:	Over 200 km/h
Fuel consumption	
100 km at a constant 90 km/h:	3.6 l
100 km at a constant 120 km/h:	4.8 l
Fuel type:	Super plus unleaded (98 octane); can be reduced to super unleaded (95 octane) through automatic knock control

Electrics

Alternator:	60 A/720 W generator
Battery:	Maintenance-free 12V/19Ah

Power transmission

Clutch:	Hydraulically operated single-disc dry clutch
Gears:	Synchromesh 6-speed gearbox
Drive:	Shaft drive

Chassis/brakes

Frame:	Three-section frame made up of front and rear frame with load-bearing engine
Front suspension:	BMW Motorrad Telelever, stanchion diameter 35 mm, central strut, (rebound damping electronically adjustable via ESA*)
Rear suspension:	Die-cast aluminium single-sided swinging arm with BMW Motorrad Paralever; spring pre-load infinitely adjustable (either hydraulically via handwheel or electronically via ESA*), adjustable rebound damping (with ESA, rebound damping is electronically adjustable) Electronic Suspension Adjustment. Damping (rebound) can be switched between presets
ESA*:	120 mm/135 mm

Travel front/rear:	1480 mm
Wheelbase (in normal position):	110 mm
Castor (in normal position):	63.4°
Steering head angle (in normal position):	Cast aluminium
Wheel material:	3.5 x 17
Rims, front:	5.5 x 17
Rims, rear:	120/70 ZR 17
Tyres, front:	180/55 ZR 17
Tyres, rear:	Double-disc EVO brake system with floating 320-mm diameter, 4-piston fixed caliper
Front brakes:	Single disc brake, diameter 265 mm, double-piston fixed caliper
Rear brakes:	BMW Motorrad Integral ABS partially integral version
ABS:	

Dimensions/weight

Seat height, unladen:	820 mm/840 mm
	780 mm/800 mm (optional lowered seat)
Unladen weight, fully fuelled/road ready**:	259 kg
Dry weight unladen:	229 kg
Max. permitted total weight:	495 kg
Max. load (with standard equipment):	236 kg
Usable tank volume:	27 l
Reserve:	Approx. 4 l
Length:	2,230 mm
Height (not inc. mirrors):	Windshield down: 1,430 mm
	Windshield up: 1,560 mm
Width:	Across mirrors: 905 mm (without panniers)
	Across panniers: 980 mm

* Optional equipment

** As defined in EU directive 93/93/EEC, filled with all operating fluids to at least 90% of usable tank capacity (without panniers)

Welcome to the world
of BMW Motorrad.

BMW Motorrad
Tourers



The Ultimate
Riding Machine

R 1200 RT

High Performance

Sports

Sports Tourers

► Tourers

Roadsters

Enduro

Motorcycle Equipment

Rider Equipment

Travel and Training

Ask your authorized BMW Motorrad dealer for details relating
to the precise equipment specification and the availability of
BMW Motorrad rider equipment and accessories.



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/riderspoint

Select rider clothing from head to toe | Select accessories |
Compile and print out wishlist | Order information | C.A.R.E. seal of quality

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