

BMW Motorrad Rider Equipment 2009 – new products at INTERMOT 2008. Content.

At a glance.

BMW Motorrad Rider Equipment 2009 – innovation and functionality.	2
--	---

Helmets.

System 6 helmet – lighter, more functional and more comfortable.	3
ENDURO Carbon helmet – high performance in spite of minimal weight	5

Suits.

Streetguard 3 suit – comfortable all-rounder.	7
CoverAll suit – the second skin for everyday wear.	9
Trailguard suit – all-rounder for on-road and off-road.	10
AirFlow suit – stay cool on hot days.	12
ComfortShell suit – the climate suit now available in red too.	13

Gloves.

Allround 2 gloves – by professionals for professionals.	14
AirFlow 2 gloves – available in silver from spring 2009.	15

Safety.

Neck-Brace-System Function – maximum safety at an attractive price.	16
Protector jacket 2 and Protector vest – perfect protection for the worst case.	17

At a glance.

BMW Motorrad Rider Equipment 2009 – innovation and functionality.

BMW Motorrad once again offers a wide-ranging program of rider equipment articles for the upcoming motorcycling season. The spectrum goes from the new, lighter **System 6 helmet** with integrated sun shield to the equally new high-performance **ENDURO Carbon helmet** and includes textile suits as well as fashionable yet functional accessories.

While the **CoverAll suit** is new to the program – a waterproof, active breathing suit to wear on top, the following items replace their highly successful predecessor models respectively: the **Streetguard 3 suit** as the comfortable all-rounder, the **Trailguard suit** as the all-rounder for on-road and off-road use and the airy **AirFlow suit** for hot days. In each case, the new models reflect a significant increase in functionality. The high-quality materials and first-class finish guarantee optimum wear comfort and utility value. The same applies to the new **Allround 2** gloves suitable for the whole year.

In new colours but in familiar top-class quality and maximum functionality, the fabric **ComfortShell suit** and the light **AirFlow 2 gloves** for the summer are presented for the 2009 season.

Even greater safety and comfort is offered by the new **Protector jacket 2**, the new **Protector vest** and a more economical version of the innovative BMW Motorrad safety system **Neck Brace System Function**.

Helmet.

System 6 helmet – lighter, more functional and more comfortable.

The time has finally come: the **System 6 helmet** goes on sale at the start of the 2009 season. The helmet has seen numerous innovations over the years, being the consistent continuation of the highly successful BMW Motorrad folding helmet which dates back to 1981.

This light helmet is fitted with a double visor and – for the first time – an integrated sun shield, too. This can be conveniently adjusted to continuously variable levels using a slider at the left-hand edge of the helmet.

The design refers to some of the characteristic features of the predecessor models but applies a new interpretation. By means of an ingenious four-jointed mechanism, the folding chin section moves in an elliptical path and is thus closer to the helmet shell. This gives the helmet a very attractive look when it is open, too.

The outer shell in glass fibre reinforced plastic (GRP) is manufactured in two different sizes. The matching multi-section inner shell in expanded polystyrol (EPS) is foam padded in various thicknesses. This technology allows the best possible impact absorption to be achieved.

Depending on size, the System 6 helmet weighs between 1,570 and 1,670 grams, making the new model 150 or 50 grams lighter than its predecessor in spite of the new components “double visor” and “integrated sun shield”.

The outer visor is three-dimensionally curved, has an antiscratch coating on both sides and absorbs UV radiation 100 per cent. The hydrophilic inner visor offers the best possible antifog protection in damp weather. In addition, the very effective and closable visor ventilation ensures clear visibility even in poor weather conditions.

On hot days, the large vent opening at the top of the helmet in combination with the low-pressure ventilation in the neck area ensures easily regulated but highly efficient cooling.

In terms of aerodynamics and acoustics, too, the System 6 helmet is once again pioneering: it is aerodynamically neutral and even when the rider turns his

head, only very slight torsional forces are generated. With a noise level of just 86 dB(A) at 100 km/h, the System 6 helmet is one of the quietest folding helmets on the market.

For the chin strap a quick-release ratchet buckle which combines the advantages of the double-D fastener with those of a conventional quick-release buckle. The integrated neck straps ensure that the helmet remains in a position which guarantees the best possible protection in the event of an accident.

The entire inner lining in high-quality Alcantara and Coolmax fabric (DuPont) can be removed for washing along with the neck and cheek pads available in various sizes.

The System 6 helmet is of course suitable for the installation of the optional BMW Motorrad communication system and fulfils all the associated statutory requirements.

The new System 6 helmet is available in the sizes 48/49 to 64/65 and in three colours (Night Black non-metallic, Dark Grey matt metallic, White Silver metallic) and in two decor versions (Cosmic, SharpEdged).

ENDURO Carbon helmet – high performance in spite of minimal weight .

The new season begins with another highlight in the BMW Motorrad rider equipment range. Based on the well-known Enduro helmet, 2009 sees the launch of the weight-optimised **ENDURO Carbon helmet** with clear-finish carbon helmet shell.

The use of high-quality carbon has meant that the total weight of the helmet including visor and helmet shield has been reduced to approx. 1,070 grams (small helmet shell) or approx. 1,170 grams (large helmet shell). This makes the helmet not only the only enduro helmet made of carbon with both visor and shield but also the lightest enduro helmet on the market. This is a definite advantage, especially on long tours and for use in connection with off-road sports.

The very low weight is due to the use of carbon and aramide for the outer shell, available in three different sizes, and the impact-absorbing, single-section plastic inner shell (EPS). A high level of safety performance was significantly enhanced by individual optimisation and the use of various materials. The neck straps integrated in the chin strap (double-D fastener) provide additional support in terms of passive safety: in the event of an accident they prevent the helmet from twisting and therefore provide optimum protection.

With the ENDURO Carbon helmet, BMW Motorrad demonstrates once again that design and function can be excellently combined. The very slim, sporty shape, the clear-finish carbon helmet shell and the aerodynamically perfected helmet shield create a superb look. Development work in the wind tunnel has also paid off: in spite of the helmet shield, the ENDURO Carbon helmet is unbeaten in terms of aerodynamic streamlining and the noise level is very low.

All inner fittings made of high-quality Alcantara and Coolmax fabric (DuPont) can be removed for washing, along with the cheek pads available in various sizes. The standard visor is three-dimensionally curved (optical class 2), offers almost 100 per cent UV radiation absorption and has an antiscratch coating. An additional antifog coating and the removable chin spoiler ensure optimum visibility in even in damp weather or when used for sports riding.

The high level of suitability for practical use is also reflected in the fact that the helmet shield and visor (a tinted visor and a visor with reflective coating are

available as accessories) can be dismantled simply and without tools. The ENDURO Carbon helmet is approved for road use with shield and visor, only with shield or only with visor and can thus be used flexibly for all purposes.

When things get hot, an efficient ventilation system for the forehead and visor and a low-pressure ventilation function in the neck area offer simple but very effective climate regulation.

The new ENDURO Carbon helmet is available in the sizes 53/54 and 55/56 (helmet shell S), 57/58 and 59/60 (helmet shell M) and 61/62 and 63/64 (helmet shell L).

Suits.

Streetguard 3 suit – comfortable all-rounder.

The **Streetguard 3 suit** is the top item in the 2009 BMW Motorrad collection. It enables the rider to stand up to virtually any weather and also cuts a great figure – not only because of the modern design. The new suit bears the stamp of experienced motorcyclists who attached importance to a high level of practical suitability during the development stage. As a result, wear comfort has once again been perceptibly improved as compared to the predecessor model.

The upper material is a new three-layer laminate developed exclusively with and for BMW Motorrad (Keptec/Dynatec). This means that abrasion and impact resistance, tear and frictional heat resistance have been improved as compared to the predecessor version by around 20 per cent.

What is more, the suit now has a so-called ColdBlack coating on the outside – in the black sections – for the first time. These reflect up to 80 per cent of sunlight and thus provide effective protection from heat and UV radiation, and the suit remains cool for a perceptibly longer period even in bright sunshine.

The intelligent c_change membrane on the inside makes the suit windproof and waterproof as well as highly breathable. The jacket also has a removable high collar and practical sleeve sheaths for a waterproof transition to the gloves.

The zips in the upper arm area are also waterproof as well as providing additional ventilation. And if the weather turns particularly frosty, the removable high-quality 3M Thinsulate lining provides optimum insulation. A high trouser waistband with fleece lamination on the inside also prevents a unpleasant cold gap from forming.

In this way, the rider is well-equipped for all weathers and can concentrate fully on the road.

At the front the jacket is fitted with a single special zip (STORMzip) which is designed so that wind and water cannot penetrate. This means that the double construction with labyrinth is no longer required. Comparably water-resistant (AQUAzip) zips are also to be found in the outside pockets. Other new features which demonstrate that the development of this product is based on the experience of practitioners are the radiation-screening, interior mobile phone pocket and the two waterproof inside jacket pockets.

Safety is a major factor too, of course. For this reason, the suit is now completely fitted with the NP protectors developed by BMW Motorrad with optimum damping properties. They are located on the back, shoulders and elbows, at the hip and knees (three height adjustment positions). A tailbone protector can be retrofitted.

In order to ensure that the rider can be easily seen even when visibility is poor, a reflective fabric has been integrated on the front and back and on the side of the trouser legs. The BMW symbol is to be found on the rivets of the jacket and trousers.

Women and men have different body proportions of course, so the versions for ladies and men differ not only in design but also in cut. This ensures a perfect fit and optimum wear comfort is for both sexes.

The Streetguard 3 suit is available in black in the women's sizes 36–46, 72–88 and 18–22 and in men's sizes 46–66, 98–118 and 25–32. In order to create further space for personal taste, the jacket is also offered in the colour combination Black/Grey/Orange in men's sizes 46–60 and in women's sizes 36–46.

Like all textile suits in the BMW Motorrad program, this one is also machine washable.

CoverAll suit – the second skin for everyday wear.

Another enrichment of the range of BMW Motorrad suits is the completely newly developed single-section **CoverAll suit**. It is light but still fulfils all the requirements of a modern and safe motorcycle suit. It is windproof and waterproof, breathable and fitted with protectors.

The great advantage of this new product is that it is suitable for daily commuting to the office as well as being predestined for all rides to destinations where one wishes to arrive in “normal” clothing, in spite of being dressed for motorcycling: it can easily be worn over work clothes and is quick to put on and take off.

This is because of the special waterproof zips at the front and the on the legs, where they run from the hip to the ankle (STORMzip). To achieve a perfect fit, the waist size can be adjusted by means of two side straps.

The suit is made of three-layer laminate with Cordura 500, climate membrane and laminated inner lining. In order to keep out splash water and rain, all seams are taped.

This new suit concept naturally fulfils the high safety standards of BMW Motorrad. Removable, very light SC protectors made of viscoelastic foam at the shoulders, elbows, hips and knees (with two height adjustment levels) protect the rider. The NP ProAir back protector can be retrofitted as an accessory. All protector pockets in this suit are not sewn on but welded. To ensure the rider can still be seen when visibility is poor, there are reflective prints on the shoulders and back.

Abundant space for travel items is provided by the two trouser pockets, the outer water-repellent breast pocket, the waterproof inside pocket and the sleeve pocket on the left lower arm.

The CoverAll suit is available in black in the unisex sizes XS to XXXL.

Trailguard suit – all-rounder for on-road and off-road.

This new suit is the worthy successor to the successful Santiago suit. The **Trailguard suit** also fulfils all requirements of a functional motorcycle suit with touring capabilities and shows excellent form both on-road and off-road. In design, material selection and colour variations, the new model is even more self-assured than its predecessors, with improvements in virtually all disciplines.

The versatile upper surface material Dynatec (Schoeller) makes this suit extremely abrasion-resistant but also permeable to air and breathable – though without making any compromises in terms of safety.

Anyone who wishes to wear the Trailguard suit in all weathers can make it windproof and waterproof by simply adding the GORE-TEXT insert textile which is available as an accessory.

The suit is generous in size and has different cuts for men and women. Size adjustment is by means of straps, Velcro bars, side zips (women's jacket) and drawstrings (men's jacket) at the waist, trouser waistband, collar and hem. Pre-shaped sleeves and knees, movement folds and stretch materials at the right places provide maximum freedom of movement. The leather on the inside of the knees provides a firm grip on the fuel tank trim during off-road travel.

Ventilation zips on the chest, back, sleeves and thighs with an outer coating and air-permeable net lining ensure maximum comfort.

For optimum passive safety, the Trailguard suit is fitted with NP protectors developed by BMW Motorrad on the back, shoulders, elbows, hips and knees (three height adjustment positions).

At the shoulders, back, arms and thighs there are also large reflector applications which ensure that the motorcyclist can be identified in good time at dusk or in fog.

A love of detail and practical orientation is demonstrated by the numerous inside and outside pockets in both jacket and trousers, with one waterproof pocket in the jacket.

The BMW wordmark and symbol are to be seen on Velcro bars, rivets and zip handles.

The Trailguard suit is available in two colour versions: the jacket is available in Black/Silver with black trousers in women's sizes 34–46 and in men's sizes 46–66, 98–118 or 25–32.

The second colour combination consists of a jacket in Mocca/Limestone with trousers in Mocca (women: 34–46; men: 46–60).

AirFlow suit – stay cool on hot days.

The resilient summer **AirFlow** suit starts the 2009 season in two colour versions (Black and Silver) for jacket and trousers. This suit in abrasion-resistant Dynatec upper material and highly air-permeable AirTex net material means that the rider will not get into a sweat so easily – even on hot days in urban traffic.

The two colour versions, naturally bearing reflector strips, are quite different in conception: the version in black non-metallic has a reflective ColdBlack surface which prevents the suit from getting too hot in the sunshine. By contrast, the silver-grey version with matching colour print has a so-called NanoSphere feature which provides protection from excessive soiling.

What is new about this suit is that it now has highly effective NP protectors at shoulders, elbows, hips and knees (three height adjustment positions). Another new feature is the specially developed ProAir back protection with a large number of vents for excellent air circulation in the back area.

Another advantage of this versatile suit with its numerous pockets: if the jacket is not needed it can be worn like a rucksack due to two integrated carry straps. The all-round, 40-centimetre connecting zips also enable it to be combined with other jackets and trousers from the BMW Motorrad collection. The BMW symbols are to be seen on the rivets of both jacket and trousers.

The AirFlow suit is available for women in both colour versions in sizes 34–46. For men the suit is offered in black in sizes 46–66 and 98–118, in silver in sizes 46–60.

ComfortShell suit – the climate suit now available in red too.

The **ComfortShell suit** comes out in a new, fashionable colour in spring 2009. In addition to the existing colours black and blue, the jacket is now also available in red, while the trousers that go with it are still available in black.

With its exemplary climate and wear comfort, the material technology used in this suit is familiar but still revolutionary. The “intelligent” and elastic c_change membrane in three-layer laminate opens its structure in warm temperatures and closes when the temperature drops. This means that surplus body heat and moisture can escape in summer, while in winter the heat is kept inside and prevents the wearer from feeling the chill.

This all-weather touring suit is both windproof and waterproof. Water-repellent vent zips on the front and back provide the rider with additional fresh air on hot days.

The removable NP protectors with optimum damping properties ensure a high degree of passive safety in this product, too. The protectors are located at the shoulders, elbows, back, hips and knees (two height adjustment positions). The ComfortShell suit is available in all three colours in the women’s sizes 34–46 and men’s sizes 46–60. In addition, the suit is also available in black and blue in women’s sizes 17–22 and men’s sizes 98–110.

The discreet BMW symbol is to be seen on the rivets of both jacket and trousers.

Gloves.

Allround 2 gloves – by professionals for professionals.

The waterproof **Allround 2 gloves** can be worn all year round, are lightly quilted and have been revised for the upcoming motorcycle season. Due to the combination of a leather-textile mixture with a breathable and yet waterproof membrane, these touring gloves cannot be penetrated by either wind or water.

The leather, discreetly patterned with embossed lines, is doubled at vulnerable points and at the ball of the thumb with resilient aramide fabric (Keprotec) underlay. In the knuckle area the gloves are reinforced with abrasion resistant nylon including a 5 millimetre layer of protective Suprotec foam.

Practical features such as the rubber wiper lip for the helmet visor, the pre-shaped fingers for improved grip, wrist adjustment straps, a large Velcro strap on the cuff and the long light reflector area along the edge of the hand show that these gloves were created by professionals who know what counts.

The Allround 2 gloves are available in sizes 6–6½ to 12–12½ in black. The BMW Motorrad wordmark is to be found on the wrist adjustment strap.

AirFlow 2 gloves – available in silver from spring 2009.

The familiar and highly popular light summer gloves **AirFlow 2** will also be available in a new colour this spring in addition to black. The new colour version silver-grey replaces the previous colour sand. The grip flap in orange also adds a small colour contrast to this new model.

The established material mixture of leather with air-permeable, tear-resistant AirTex net fabric with doubled leather at exposed points. These also have a foam underlay. This light glove is well known for its excellent fit and offers a particular advantage due to the vent openings between the fingers. The unstuffed palm makes for very direct, satisfying grip. A short cuff made of neoprene provides excellent grip and the leather strap on the upper hand allows the gloves to be adjusted in width, too.

The AirFlow 2 gloves are available in the sizes 6–6½ to 12–12½, the BMW Motorrad wordmark is embossed on the leather strap on the upper side.

Safety.

Neck-Brace-System Function – maximum safety at an attractive price.

In order to increase passive safety when motorcycling even further, BMW Motorrad introduced a revolutionary neck protection system in 2007 which provides very efficient protection from cervical spine injury while still being very comfortable to wear.

As of 2009, a more economical version of this is available, the **Neck Brace System Function**. The upper and lower section of this version are made of fibre glass reinforced plastic (GRP).

This protective system in no way limits the motorcyclist's freedom of movement and significantly reduces the risk of injury to the cervical spine and collarbone. The helmet is supported both laterally and longitudinally on the Neck Brace system, thereby minimising the danger of over-stretching or compression of the cervical spine.

The new basic version weighs around 800 grams: this is about 100 grams heavier but the exemplary high level of safety provided is identical to that of the top version made of carbon components which will be offered in future under the name of Neck Brace System Carbon. The easy-care textile cover with foam padding can be removed for washing.

The Neck Brace System Function can easily be adapted to the height and stature of the rider and clothing in use. With two quick-release fasteners it is easy to put on and is available in anthracite in the sizes S and L.

Protector jacket 2 and Protector vest – perfect protection for the worst case.

The safety package of the BMW Motorrad rider equipment range has another option to offer with the new **Protector jacket 2** which offers optimum protection for the entire upper section of the body – and not only for sports enduro riders.

Both the newly developed, three-dimensional pre-formed back protector and the NP joint protectors at shoulders and elbow have extremely good impact absorption levels. Perfect all-round protection is derived from the combination of inserted PU protector material, removable inserts in the chest area and the impact-absorbing EVA elements (ethylene vinyl acetate) in the upper arm and lateral rib sections.

The ergonomically perfect cut, the elastic joint protectors, the adjustable and removable kidney belt and the highly elastic thumb loops ensure a perfect fit and the necessary freedom of movement. The high level of wear comfort is also supported by perforated protectors and air-permeable net material, as well as a new 3D spacer fabric in the back area.

The Protector jacket 2 is available in the sizes S, M, L and XL in black. The BMW Motorrad wordmark is printed vertically on the left-hand side of the back section.

The new **Protector vest** is slightly more compact. Due to its three-dimensionally pre-shaped back protector it proves a perfect fit and optimum protection for the cervical spine. In addition, the collarbone is protected from contact with the edge of the helmet by means of inlaid protector material. The kidney area is also excellently protected. The Protector vest can in fact be worn under any jacket or suit.

The anatomically pre-shaped back element of the Protector vest is identical to that of the Protector jacket 2, being excellently ventilated due to the ventilation chambers and the three-dimensional spacer fabric. The continuously adjustable chest clasp, the shoulder strap and the kidney strap ensure a perfect fit.

The Protector vest is available in the sizes S to XL in black with blue. The BMW wordmark appears on the kidney belt clasp as a rubber application.