

BMW Motorrad



F 800 S
F 800 ST

The Ultimate
Riding Machine



UNSTOPPABLE

F 800 S
F 800 ST



FULL SPEED AHEAD FOR THRILLS.

Bye-bye boredom. The BMW Motorrad F 800 S and F 800 ST take fun very seriously indeed. Their mission – and they do choose to accept it – is to make excitement part of every day.

The F 800 S goes about this task with calm efficiency. With its racy half fairing, incredible responsiveness and relentless grip, it more than holds its own in wheel-to-wheel encounters on the track.

The F 800 ST is similarly focused on the task in hand – namely providing an effortless, comfortable and agile ride, whatever your destination. With its touring bike-influenced ergonomics, high handlebars and full fairing, it is equally suited to long-distance cruising and high-speed spins in the country.

There's no stopping these two motorsport-inspired models. Power comes from a parallel

twin engine, and reaches the rear wheel via a low-maintenance belt drive. And comfort isn't sacrificed for speed: excellent ergonomics and handling also come as standard. The F 800 S and the F 800 ST put the fun back into riding.



TAME THE TARMAC.

Whether you're powering through corners, or cruising serenely along straight roads, the suspension of the F 800 S/ST is equally comfortable – and so are you. An extremely stiff telescopic front fork with a 43-millimetre stanchion diameter and 140 millimetres of travel ensures excellent stability and maximum riding pleasure. At the rear, meanwhile, you will find a single aluminium swing-arm

with a central spring strut. Together with the low-maintenance chain drive, this makes an unbeatable combination. A bespoke riding experience is literally at your fingertips. Using a handwheel connected directly to the central spring strut, spring preload can be modified in moments to suit the current conditions. Adjusting the rebound damping is similarly straightforward, meaning the ride

can be set up correctly for whatever load the bike is carrying. As a genuine sports tourer, the F 800 ST is ideal for journeys of any length. The high windshield and full fairing turn a gale-force wind rush into a slight draught, and offer excellent protection against rain as well. The raised tubular handlebars make for an upright riding position that is still comfortable even after hours in the

POWER ON DEMAND, NO QUESTIONS ASKED.

Fire up the engine, and leave the daily grind behind. The high-revving parallel twin in the F 800 S/ST develops an impressive 85 horsepower (62.5 kilowatts), more than enough to show off its racing pedigree on any road. Maximum torque from this four-stroke 798-cc unit is 86 newton-metres at 5,800 rpm, and 90 per cent of this figure is available from 5,000

revs upwards. As a result, you do not need to change gear so often, and this, combined with the excellent fuel economy, makes the bikes ideally suited to touring. If you feel a sudden need for speed, then you can call on technology straight out of Formula One: the eight valves of the two cylinders are actuated by rocker arms, delivering exciting throttle responses up into the

top end of the rev range. On longer journeys, you will appreciate the engine's refinement, reliability and ample reserves of torque.

Giving youth its head.

Novice riders can share the fun. Because even the reduced output version (34 horsepower/ 25 kilowatts) of the F 800 S/ST still produces 55 newton-metres of torque at 3,500 rpm. So thrills are guaranteed right from the word go.



saddle. And the generously sized aluminium luggage grid ensures that you can bring everything you need with you on your travels.



White Aluminium Matt Metallic

Flame Red



Champagne Metallic

Night Blue Metallic



ENGINE

Type	Water-cooled, in-line twin-cylinder four-stroke engine, four valves per cylinder, double overhead camshaft, dry sump lubrication
Bore x stroke	82 mm x 75.6 mm
Capacity	798 cc
Max. output	85 hp (62.5 kW) at 8,000 rpm (34 hp/25 kW at 7,000 rpm with power reduction)
Max. torque	86 Nm at 5,800 rpm (55 Nm at 3,500 rpm with power reduction)
Compression ratio	12.0:1
Fuel/engine management	Electronic fuel injection, electronic engine management (BMS-K+)
Emission control	Regulated 3-way catalytic converter, compliant with EU3 emission standard

PERFORMANCE/FUEL CONSUMPTION

Max. speed	Over 200 km/h
Fuel consumption per 100 km at a constant 90 km/h	3.4 litres
Fuel consumption per 100 km at a constant 120 km/h	4.4 litres
Fuel type	95-octane (RON) premium unleaded or higher

ELECTRICS

Alternator	400-W three-phase generator
Battery	12 V/14 Ah, maintenance-free

TRANSMISSION

Clutch	Mechanically operated multi-disc wet clutch
Gears	Six-speed synchromesh gearbox built into crankcase
Drive	Belt drive with cush damping

CHASSIS/BRAKES

Frame	Bridge-type aluminium frame with load-bearing engine
Suspension, front	Telescopic fork, diameter 43 mm
Suspension, rear	Die-cast aluminium single swing-arm with rear-wheel axle adjustable via tappet, central spring strut, spring preload hydraulically and steplessly adjustable via handwheel, adjustable rebound damping
Travel, front/rear	140 mm/140 mm
Wheelbase	1,466 mm
Castor	95 mm
Steering head angle	64.2°
Wheels	Cast aluminium
Rim dimensions, front	3.50 x 17"
Rim dimensions, rear	5.50 x 17"
Tyre, front	120/70 ZR 17
Tyre, rear	180/55 ZR 17
Brake, front	Double-disc brake, floating discs, diameter 320 mm, four-piston fixed caliper
Brake, rear	Single-disc brake, diameter 265 mm, single-piston floating caliper
ABS	Optional BMW Motorrad ABS

DIMENSIONS/WEIGHT

	F 800 S	F 800 ST
Seat height, unladen	840 mm (low seat: 815 mm, lowered suspension: 760 mm)	840 mm (low seat: 815 mm, lowered suspension: 760 mm)
Rider step length, unladen	1,850 mm (low seat: 1,820 mm, lowered suspension: 1,700 mm)	1,850 mm (low seat: 1,820 mm, lowered suspension: 1,700 mm)
Unladen weight, fully fuelled/road-ready (1)	204 kg	209 kg
Dry weight (2)	182 kg	187 kg
Max. permitted weight	405 kg	405 kg
Max. load (with standard equipment)	201 kg	196 kg
Usable tank capacity	16.0 litres	16.0 litres
Of which reserve	Approx. 4.0 litres	Approx. 4.0 litres
Length	2,082 mm	2,195 mm
Height (excluding mirrors)	1,155 mm	1,225 mm
Width (inc. mirrors)	860 mm	860 mm

Dimensions refer to unladen motorcycles as per DIN standard definition.

(1) As defined in EU directive 93/93/EEC, filled with all operating fluids, fuelled to at least 90% of usable tank capacity.
(2) Unladen weight without operating fluids.

EQUIPMENT THAT COVERS ALL THE BASES.

Go.

A robust and extremely durable belt drive effortlessly transfers power to the rear wheel the instant you twist the throttle, while a cush damper minimizes transmission lash. Reliability is guaranteed – and so is excitement.

Stop.

Speed is only useful if you can lose it in a hurry. The F 800 S/ST is fitted with two 320-millimetre brake discs with four-piston fixed calipers at the front, and a single 265-millimetre disc at the rear with a single-piston caliper. And stopping is even safer when the optional BMW Motorrad ABS is fitted. The difference it makes to the motorcycle's weight is just 1.5 kilograms, but the difference it makes to braking performance is much bigger.

Relax.

Sit on this saddle, and you'll never want to get off. The standard seat has a height of 840 millimetres, with a rider step length (RSL) of 1,850 millimetres. A low seat (height 815 millimetres, RSL 1,820 millimetres) and a lowered suspension option (height 760 millimetres, RSL 1,700 millimetres) are also available. No other bike offers quite so much flexibility – or so much riding pleasure.

For more information, visit

bmw-motorrad.co.uk
Hotline 0800 777 155

OPTIONAL EQUIPMENT



LED INDICATORS

- High-tech look
- Extremely bright light
- High visibility for enhanced safety



LOWERED SUSPENSION

- Seat height 760 mm, rider step length 1,700 mm
- Excellent stability when stationary
- Easy manoeuvrability
- Relaxed riding position

ACCESSORIES



TANKBAG

- Capacity expandable from 14 to 26 litres
- Waterproof
- A4-sized map pocket with Ortlieb roll-closing mechanism



SPORTS PANNIERS

- Capacity adjustable between 17 and 25 litres via ratchet straps
- Textile/steel webbing for enhanced anti-theft security
- Lockable
- Room to store a helmet



EXTRA-LOW SEAT

- Makes it easier to reach the ground, for better stability when stationary
- Seat height 795 mm



Check out the Sport helmet and the full range of Rider and Motorcycle Equipment online.

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