

BMW Motorrad
F 650 CS



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BMW F 650 CS

City slicker

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The F 650 CS is the motorcycle definition of "cool". Designed for the young at heart, the reliable, belt-driven F 650 CS is a direct alternative to the usual urban commuter machine. Featuring a generous lock and an immensely workable single-cylinder engine the CS will carve a swathe through the densest of urban gridlocks and arrive at college, workplace, or café on time. Extensive user ergonomics (i.e. three seat heights and adjustable levers to name just two) mean that the versatile F 650 CS can be ridden by all types of rider – male, female, beginner or experienced. With the fuel tank located under the seat, the CS makes use of the vacant "tank" area as a storage compartment large enough to hold BMW's luggage alternative to the briefcase or rucksack. It will also secure a helmet. The F 650 CS can double as a leisure bike too. Take it on the open road and it will thank you by delivering the kind of performance not associated with other urban machines. Used for work, or leisure, the F 650 CS can be defined in one simple word – FUN.

Engine

Type:	Water-cooled 1-cylinder 4-stroke engine, four valves, two overhead camshafts, dry sump lubrication
Bore x stroke:	100 mm x 83 mm
Capacity:	652 ccm
Rated output:	37 kW (50 bhp) at 6800 rpm (output reduction: 25 kW [34 bhp] at 6500 rpm possible) 62 Nm at 5500 rpm (output reduction: 50 Nm at 3500 rpm)
Max. torque:	62 Nm at 5500 rpm (output reduction: 50 Nm at 3500 rpm)
Compression ratio:	11.5 : 1
Carburetion / engine management:	Electronic intake pipe injection/BMW engine management, dual ignition
Emission control:	Closed-loop 3-way catalytic converter

Performance/fuel consumption

Maximum speed:	Approx. 178 km/h (output reduction: Approx. 147 km/h)
Fuel consumption over 100 km at steady 90 km/h:	3.0 l
Fuel consumption over 100 km at steady 120 km/h:	4.1 l
Fuel type:	Unleaded regular, minimum octane rating 91 (RON)

Electrical system

Generator:	400 W three-phase generator
Battery:	12 V/12 Ah, on board socket

Power transmission

Clutch:	Multi-disc oil-bath clutch, mechanically operated
Gearbox:	Constant mesh 5-speed transmission integrated in engine housing
Drive:	Drive Belt with cush damping in separate housing

Chassis/brakes

Frame:	Bridge-type, tubular, steel, with integrated oil tank and bolted-on rear section
Front wheel location / suspension:	Telescope fork, stanchion diameter 41 mm
Rear wheel location / suspension:	Die-cast aluminium single-sided swing arm, rear axle with eccentric adjustment, spring strut action via lever system 125 mm/120 mm
Travel front/rear:	
Wheelbase	
(in normal position):	1493 mm
Caster (in normal position):	86 mm
Steering head angle (in normal position):	62.1 °
Wheels:	Die-cast aluminium wheels
Rim, front:	3.00 x 17
Rim, rear:	4.50 x 17
Tyres, front:	110/70 ZR 17
Tyres, rear:	160/60 ZR 17
Brake, front:	Single disc, 300 mm diameter, 2-piston floating caliper
Brake, rear:	Single disc, 240 mm diameter, 1-piston floating caliper
ABS:	Special equipment: BMW Motorrad ABS

Dimensions/weights

Seat height, unladen:	780 mm (optional lower seat at no cost: 750 mm, 150 rear tyre; optional higher seat at no cost: 810 mm)
Unladen, road ready, fully fuelled ¹⁾ :	187.0 kg
Dry weight ²⁾ :	169.6 kg
Permitted total weight:	370.0 kg
Payload (with standard equipment):	183.0 kg
Usable tank volume:	15.0 l
Incl. reserve:	Approx. 4.0 l
Length:	2142 mm
Height (not incl. mirrors):	1158 mm
Width (incl. mirrors):	915 mm

For further information, or to arrange a test ride, please contact your local BMW Motorrad Dealership. Alternatively, telephone **0800 777 155**, or visit the BMW Motorrad website at: www.bmw-motorrad.co.uk



936, Night Blue Metallic*



839, Titan Silver Metallic*



941, Stone Grey*



938, Ginster Yellow Metallic*

*Dualseat available either in grey, black or mandarin side cover coating in white aluminium.

¹⁾ According to guideline 93/93/EEC with all operating liquids, with at least 90% of usable fuel tank volume

²⁾ Unladen weight without operating liquids