

# BMW R 80/7

BMW Group  
Mobile Tradition



The Ultimate  
Riding Machine

<b>Engine</b>	Begin of Production	1977
	End of Production	1984
	Motor Type	four-stroke, two-cylinder, horizontally-opposed Boxer engine, air-cooled
	Bore	84,8 mm
	Stroke	70,6 mm
	Cubic Capacity	797,5 ccm
	Max Power	55 hp (40 KW) [50 hp (37 KW)]
	Rpm (Max Power)	7000 rpm [7250 rpm]
	Max Torque	64 Nm [58 Nm]
	Rpm (Max Torque)	5500 rpm [5500 rpm]
	Compression Ratio	9.2:1 [8.2 :1]
	Valves per Cylinder	2
	Valve Control	ohv, using push rod and rocker arm
<b>Power transmission</b>	Carburation System	2 constant depression carburettors, Bing 64/32/201-64/32/202
	Engine Lubrication	wet sump
	Clutch	dry single plate, with diaphragm spring
	Number of Gears	5
	Gear Selection	dog-type gearbox (ratchet foot lever)
	Gear Ratios	4.4/2.86/2.07/1.67/1.50:1 (optional sport version 3.38/2.43/1.93/1.67/1.50)
	Rear Wheel Ratio	1:3.20 or 1:3.36
<b>Electrical system</b>	Bevel/Crownwheel	10/32 teeth or 11/37 teeth
	Ignition	battery ignition
	Alternator	Bosch 12 V/280 W
	Starter	Bosch 0.7 kW
<b>Chassis</b>	Spark Plugs	Bosch W 175 T 30/Beru 175/14/3 A/Champion N 10 Y
	Type of Frame	double-loop tubular frame with bolt-on rear section
	Front Suspension	telescopic fork with hydraulic shock absorber
	Rear Suspension	long swinging arm with adjustable strut
	Spring Travel front/rear	200 / 125 mm
	Rims front	1.85 B 19
	Rims rear	2.50 B 18
	Tyres front	3.25 H 19
	Tyres rear	4.00 H 18
	<b>Dimensions and weights</b>	Brakes front
Brakes rear		simplex drum brake 200 mm dia
Length		2180 mm (from 1978: 2210 mm)
Width		746 mm
Height		1080 mm
Wheel Base		1465 mm
Ground Clearance		165 mm
Tank Capacity		24 l
Unladen Weight, full Tank		215 kg
Max permissible Weight		398 kg
Fuel Consumption		4,75 l/100 km [5,0l /100 km] (at constant 90 kph)
Acceleration 0-100 kph		5,9 sec [6,4 sec]
Top Speed		180 kph [170 kph]
Number Sold		18.522

| Price

| 7.990,- DM