

# BMW R 100/7

BMW Group  
Mobile Tradition



The Ultimate  
Riding Machine

<b>Engine</b>	Begin of Production	1976
	End of Production	1978
	Motor Type	four-stroke, two-cylinder, horizontally-opposed Boxer engine, air-cooled
	Bore	94 mm
	Stroke	70,6 mm
	Cubic Capacity	980 ccm
	Max Power	60 hp (44,1 KW)
	Rpm (Max Power)	6500 rpm
	Max Torque	73,5 Nm
	Rpm (Max Torque)	4000 rpm
	Compression Ratio	9.1:1
	Valves per Cylinder	2
	Valve Control	ohv, using push rod and rocker arm
<b>Power transmission</b>	Carburation System	2 constant depression carburetors, Bing 64/32/19-64/32/20
	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)
<b>Electrical system</b>	Rear Wheel Ratio	1:3.09 or 1:3.2
	Bevel/Crownwheel	11/34 teeth or 10/32 teeth
	Ignition	battery ignition
	Alternator	Bosch 12 V/240 W
<b>Chassis</b>	Starter	Bosch 0.6 hp
	Spark Plugs	Bosch W 200 T 30/Beru 200/14/3 A/Champion N 7 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	2.15 B 18
	Tyres front	3.25 H 19
	Tyres rear	4.00 H 18
<b>Dimensions and weights</b>	Brakes front	single disc brake 260 mm dia
	Brakes rear	simplex drum brake 200 mm dia
	Length	2130 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	5,5 l/100 km (at constant 90 kph)
	Acceleration 0-100 kph	5,1 sec
	Top Speed	188 kph
	Number Sold	12.056

| Price

| 8.590,- DM