

# BMW R 25

BMW Group  
Mobile Tradition



The Ultimate  
Riding Machine

<b>Engine</b>	Begin of the Production	1950	
	End of the Production	1951	
	Internal Designation	224/2	
	Motor Type	four-stroke single-cylinder vertical	
	Bore	68 mm	
	Stroke	68 mm	
	Displacement	247 ccm	
	Max Power	12 hp	
	Rpm (Max Power)	5600 rpm	
	Compression Ratio	6.5:1	
	Valves	ohv	
	Carburetion System	1 x Bing type 1/22/28	
	Engine Lubricating System	forced-feed lubrication	
<b>Power transmission</b>	Oil Pump	gear pump	
	Clutch	single-plate, dry	
	Number of Gears	4	
	Shifting	foot switching (+ auxiliary manual switch on gearing block)	
	Gearbox Ratios	6.1/3.0/2.04/1.54	
	Rear Wheel Ratio	4.5:1 (with sidecar 5.14:1)	
	Bevel/Crownwheel	6/27 teeth (with sidecar 7:36)	
<b>Electrical system</b>	Generator	Noris 6 V/45-60 W	
	Ignition System	battery ignition	
	Spark Plugs	Bosch W 240 T1 or Bosch W 240 T1 A	
<b>Chassis</b>	Designation	225/1	
	Frame	closed steel twin-loop frame, bolted	
	Front Wheel Suspension	telescopic fork	
	Rear Wheel Suspension	pushrod suspension	
	Wheel Rims	3 x 19 deep-bed	
	Tyres front	3.25 x 19	
	Tyres rear	3.25 x 19	
	Brakes front	drum brake Ø 160 mm	
	Brakes rear	drum brake Ø 160 mm	
	<b>Dimensions and weights</b>	Length	2073 mm
		Width	750 mm
		Height	710 mm
		Clearance	108 mm
		Fuel Tank Capacity	12 l
		Unladen Weight, Full Tank	140 kg
Permitted Weight Limit		290 kg (with sidecar 365 kg )	
Fuel Consumption		approx. 3,5 l/100 km	
Oil Consumption		approx. 1 l/1000 km	
Top Speed		95 kph (with original sidecar 80 kph)	
Numbers Produced		23.400	
Price		1.750,- DM	