

# 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
	Oil Pump	gear pump
<b>Power transmission</b>	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
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