

# BMW R 37

BMW Group  
Mobile Tradition



The Ultimate  
Riding Machine

<b>Engine</b>	Begin of the Production	1925
	End of the Production	1926
	Internal Designation	M 2 B 36
	Motor Type	four-stroke two-cylinder flat-twin
	Bore	68 mm
	Stroke	68 mm
	Displacement	494 ccm
	Max Power	16 hp
	Rpm (Max Power)	4000 rpm
	Compression Ratio	6.2:1
	Valves	ohv
	Carburetion System	1 x carburettor, type BMW Spezial three-valve 26 mm
	Engine Lubricating System	forced-feed lubrication
<b>Power transmission</b>	Oil Pump	gear pump
	Clutch	single-plate, dry
	Number of Gears	3
	Shifting	manual
	Gearbox Ratios	2.27/1.50/1.08
	Rear Wheel Ratio	1:4.41 (with sidecar 1:5.36)
	Bevel/Crownwheel	17/75 teeth (with sidecar 14/75 teeth)
<b>Electrical system</b>	Generator	magneto generator on request
	Ignition System	Bosch magneto ignition
	Spark Plugs	Bosch W 175
<b>Chassis</b>	Designation	R 37
	Frame	twin-loop tubular frame
	Front Wheel Suspension	twin cantilever spring
	Rear Wheel Suspension	rigid
	Wheel Rims	26 x 2.5
	Tyres front	26 x 3
	Tyres rear	26 x 3
	Brakes front	drum brake Ø 150 mm
	Brakes rear	block brake
	<b>Dimensions and weights</b>	Length
Width		800 mm
Height		950 mm
Wheel Base		1380 mm
Fuel Tank Capacity		14 l
Unladen Weight, Full Tank		134 kg (with original sidecar 184 kg)
Fuel Consumption		approx. 4 l/100 km
Oil Consumption		approx. 3 l/1000 km
Top Speed		115 kph
Numbers Produced		152
Price		2.900,- RM