



50 Sport "Liberty L"

Production Years: 1962 - 1968

Production: about 3292

Selling price: 114,000/120,000 Lire

The Sport version of the Liberty is aesthetically similar to larger capacity motorcycles. It is truly a miniature sport bike for younger users. It has a lowered handlebar and a stretched seat. Further evolutions saw the gearbox go from 3 to 4 speeds and the wheels increase in diameter from 16" to 18".



MV 50 Liberty Sport 16" - 1962

Technical Specification

ENGINE

Cylinders / Cycle: single / 4 stroke

Displacement: 47.7 cc

Bore x stroke: 39 x 40 mm

Compression ratio: 7.5:1

Power / Speed: 1 HP / 3100

Torque / rpm: NA

Cooling: air

Distribution: pushrod

Carburettor: 14 mm carburetor

Ignition: flywheel magneto

Lubrication: wet sump

Starting: kickstart

Primary drive: gear

Clutch: wet multiple plate clutch

Gearbox: 3 speeds

Final drive: chain



MV 50 Liberty Sport 18" - 1966

CHASSIS

Frame: open double cradle and pressed steel

Front suspension: telescopic fork

Rear suspension: swing arm with telescopic units

Front brake: drum 104 mm

Rear brake: drum 104 mm

Front tire: 2.00x16" (18")

Rear tire: 2.00x16" (18")

Wheels: spokes

Gas tank: 9 litres

Length: 1790 mm

Width: 710 mm

Wheelbase: 1110 mm

Weight: 58 Kg

PERFORMANCE

Top speed: 45 Km/h

Consumption: 65 Km/l