



500 "Bialbero" 4 cilindri

Years raced: 1952-1966

The new 4 cylinder replaces the previous 500 "Cardano" of 1950. The shaft drive was replaced by a chain in the final transmission and a transverse 5 speed gearbox was installed. The new version wins its first Grand Prix of Nations in Monza on the 14th of September 1952 (L. Graham)

WINS

9 Manufacturers' World Championships (Hailwood, Surtees, Hocking)
7 Italian Championships (Bandirola, Venturi, Grassetti, Agostini)
1 Italian Junior Championship (G. Milani)
66 Grand Prix victories
Total victories: 175

Technical Specification (1966)

ENGINE

Cylinders / Cycle: 4 / 4 stroke
Displacement: 497.5 cc
Bore x stroke: 53 x 56.4 mm x 4
Compression ratio: 10:1
Power / rpm: 75 HP / 9000
Torque / rpm: NA
Cooling: air
Distribution: double overhead cam - 8 valve
Carburettor: 4 - 28 mm carburetors
Ignition: magneto
Lubrication: wet sump
Starting: pushstart
Primary drive: gear
Clutch: wet multiple plate clutch
Gearbox: 6 speeds
Final drive: chain

CHASSIS

Frame: double cradle tubular steel
Front suspension: telescopic hydraulic fork or "EARLES" type
Rear suspension: swingarm with hydraulic shocks
Front brake: double 250mm drum brake
Rear brake: 220 mm drum brake
Front tire: 3.00x19"
Rear tire: 3.50x19"
Wheels: spokes
Tank: 24 litres
Length: 1990 mm
Width: 530 mm
Wheelbase: 1370 mm
Weight: 150 Kg
Speed: 265 kph

