



500 "Bialbero" 4 cilindri - Cardano

Years raced: 1950-1951

The first motorcycle from Cascina Costa to compete in the top class. It was designed by the famous engineer Pietro Remora. This original 500 is characterised by an inline transverse 4 cylinder engine, 4-speed gearbox placed longitudinally and final drive shaft. It has an original torsion bar suspension fork and a double sided swingarm. Debuts on July 2, 1950 in the Belgian Grand Prix (A. Artesiani)

WINS

First win May 6, 1951 on the circuit of Ferrara (C. Bandirola)
Victories in Varese (B. Bertacchini) and Thruxton (GB) with L. Graham follow.

Milano Taranto 1951 (A. Artesiani)

Technical Specification (1951)

ENGINE

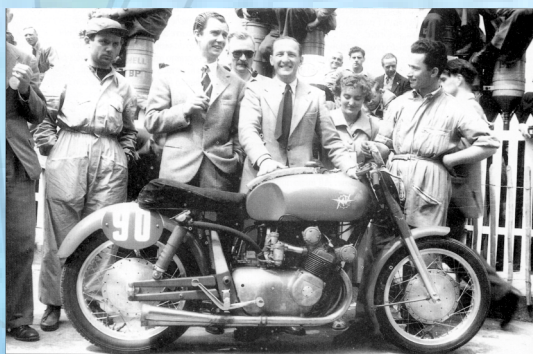
Cylinders / Cycle: 4 / 4 stroke
Displacement: 494.4 cc
Bore x stroke: 54 x 54 mm x 4
Compression ratio: 9.5:1
Power / rpm: 52 HP / 9000
Torque / rpm: NA
Cooling: air
Distribution: double overhead cam - 8 valve
Carburettor: 4 - 28 mm carburetors
Ignition: magneto
Lubrication: wet sump
Starting: pushstart
Primary drive: gear
Clutch: dry multiple plate clutch on gearbox exit
Gearbox: 4 speeds
Final drive: shaft

CHASSIS

Frame: double cradle tubular steel
Front suspension: parallelogram pressed steel or telescopic hydraulic
Rear suspension: swingarm with double torsion bars or hydraulic shocks
Front brake: 230mm drum brake
Rear brake: 230 mm drum brake
Front tire: 3.00x20"
Rear tire: 3.00x20"
Wheels: spokes
Tank: 18 litres
Length: 1990 mm
Width: 530 mm
Wheelbase: 1520 mm
Weight: 155 Kg
Speed: 200 kph



MV 500 4 cilindri "Cardano" - 1950
con il pilota Arcisio Artesiani



MV 500 4 cilindri "Cardano" - 1951
Corrado Agusta con il pilota L. Graham



MV 500 4 cilindri "Cardano" - 1952
con forcella "Earles"