



125 Monocilindrico "Bialbero"

Years raced: 1950 – 1960 and the 1964 season

The project is dated 1949. After the first 2 stroke models, it was decided to switch to a more sophisticated 4 stroke engine. An important decision that clearly separates the production models from the race bikes. It debuted on the 8th of July 1950 at the Dutch Grand Prix with Bertoni and Magi. The Bialbero is the first motorcycle from Cascina Costa to win a World Title in 1952. The engine was also used in the "Scooter" category.

WINS

- 7 Manufacturers' World Championships (Sandford-Ubbiali)
- 34 Grand Prix victories
- 4 Italian Championships (Ubbiali - Spaggiari)
- 10 Foreign Championships
- 2 Scooter Italian Championships (Copeta - Degli Antoni)
- 1 Milano-Taranto (G. Sala)

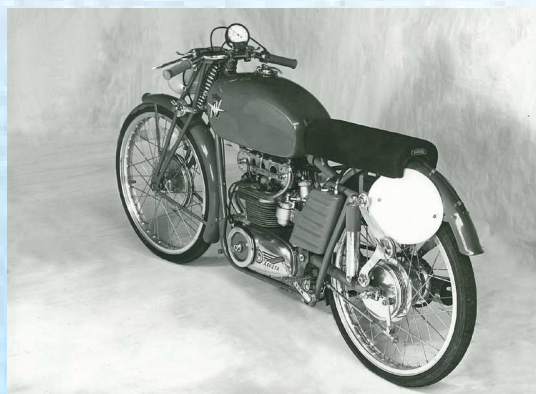
Technical Specification (1960)

ENGINE

Cylinders / Cycle: single / 4 stroke
Displacement: 123.5 cc
Bore x stroke: 53 x 56 mm
Compression ratio: 9.5:1
Power / Speed: 19.5 HP / 11,900
Torque / rpm: NA
Cooling: air
Distribution: double overhead cam - 2 valves
Carburettor: 25 mm carburetor
Ignition: magneto
Lubrication: dry sump
Starting: pushstart
Primary drive: gear
Clutch: wet multiple plate clutch
Gearbox: 4 speeds
Final drive: chain

CHASSIS

Frame: double cradle tubular steel
Front suspension: telescopic hydraulic fork
Rear suspension: swingarm with hydraulic shocks
Front brake: 190 mm double drum brake
Rear brake: 150 mm
Front tire: 2.50x19"
Rear tire: 2.50x19"
Wheels: spokes
Tank: 15 liters
Length: 1970 mm
Width: 610 mm
Wheelbase: 1250 mm
Weight: 78 Kg
Speed: 200 kph



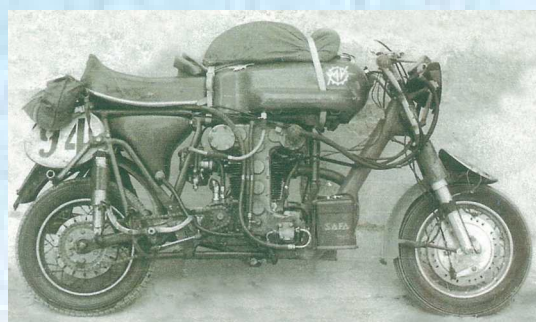
MV 125 Bialbero - 1950



MV 125 bialbero - 1953
Carlo Ubbiali



MV 125 Bialbero - 1958
Carlo Ubbiali



MV 125 Bialbero Scooter - 1952
Milano-Taranto