



### 125 "Zefiro" (1947)

The first motorcycle produced in Cascina Costa was a simple, light 98cc motorcycle, produced in 1946. Only a year later a far more interesting 125cc motorcycle was designed, with a refined 2 stroke twin cylinder engine. The specifications also included a 4 speed gearbox. The colour was an elegant metallic grey. A promising project that never reached production.

#### Technical Specification

##### ENGINE

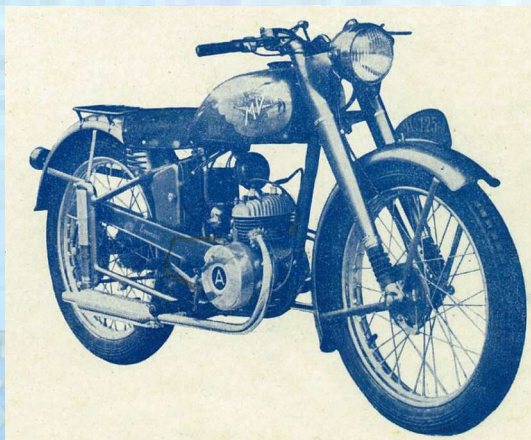
Cylinders / Cycle: 2 / 2 stroke  
Displacement: 124.6 cc  
Bore x stroke: 42 x 45 mm  
Compression ratio: 5.8:1  
Power / rpm: 4.75 HP / 4500  
Torque / rpm: NA  
Cooling: air  
Distribution: flat piston  
Carburettor: 22 mm carburettor  
Ignition: flywheel magneto  
Lubrication: 6% mixture  
Starting: kickstart  
Primary drive: gear  
Clutch: wet multiple plate clutch  
Gearbox: 4 speeds  
Final drive: chain

##### CHASSIS

Frame: single beam double cradle tubular steel  
Front suspension: telescopic mechanical fork  
Rear suspension: plunger box  
Front brake: 125 mm drum  
Rear brake: 125 mm drum  
Front tire: 2.50x19"  
Rear tire: 2.50x19"  
Wheels: spokes  
Gas tank: 12 litres  
Length: 1930mm  
Width: 660mm  
Wheelbase: 1270mm  
Weight: 80kg

##### PERFORMANCE

Top speed: 80 Km/h  
Consumption: 40 Km/l



MV 125 Zefiro - 1947  
Prototipo