



125 Disco rotante (1965)

The project was led by Peter Dürr and had important technical innovations to increase the performance of 2 stroke engines: rotating disc distribution, chromed cylinder liner, liquid cooling, separate lubrication pump for crank and connecting rod. It underwent extensive tests on the bench and on track with Walter Villa (pictured).

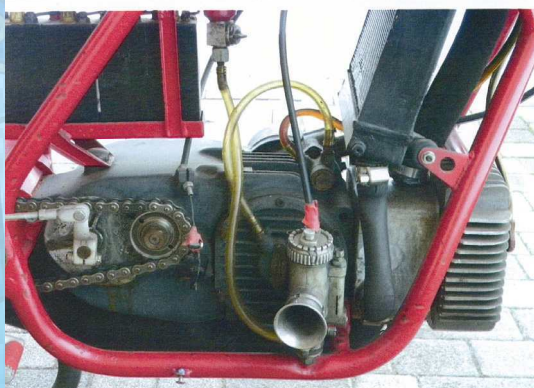
Technical Specification (1965)

ENGINE

Cylinders / Cycle: single / 2 stroke
Displacement: 124.5 cc
Bore x stroke: 54.2 x 54 mm
Compression ratio: 14:1
Power / rpm: 21 HP / 12,000
Torque / rpm: NA
Cooling: liquid
Distribution: rotating disc
Carburettor: 29 mm carburettor
Ignition: distributor
Lubrication: 6% mixture
Starting: pushstart
Primary drive: gear
Clutch: wet multiple plate clutch
Gearbox: 7 speeds
Final drive: chain

CHASSIS

Frame: double cradle tubular steel
Front suspension: mechanical telescopic fork
Rear suspension: swingarm with hydraulic shocks
Front brake: 230 mm drum brake or 260mm mechanical disc brake
Rear brake: 150 mm drum brake
Front tire: 2.50x18"
Rear tire: 2.75x18"
Wheels: spokes
Tank: 16 litres
Length: 1990 mm
Width: 530 mm
Wheelbase: 1240 mm
Weight: 70 Kg



MV 125 Disco Rotante - 1965



Cesenatico 1965 - Walter Villa
test of MV125 Corsa - Disco Rotante