



*competition*

# *Meccanica Verghera*

## 175 CS Disco Volante ( 1954 )



Young people had a strong desire to compete in races on city circuits, using production street bikes imbued with sporty characteristics. The engines and frames were modified to increase the competitiveness of the motorcycles, allowing the talent of the rider to shine. Models 175 CS and 175 CSS were ideal for this treatment, especially in light of their low cost. The success of these vehicles prompted MV to build a pure racing motorcycle, the 175 CSS/5V, a machine dubbed "Squalo" (Shark) for its aggressive appearance.

### **ENGINE:** Technical Specification (1954)

Cylinders / Cycle: single / 4 stroke  
Displacement: 172,3 cc  
Bore x stroke: 59,5 x 62 mm  
Compression ratio: 7:1  
Power / rpm: 12,5 HP / 6,800  
Torque / rpm: NA  
Cooling: air  
Distribution: single overhead cam  
Carburettor: 22 mm carburettor  
Ignition: flywheel-magneto  
Lubrication: wet sump  
Starting: kickstart  
Primary drive: gear  
Clutch: wet multiple plate clutch  
Gearbox: 4 speeds  
Final drive: chain

### **CHASSIS:**

Frame: double cradle tubular and pressed steel frame  
Front suspension: telescopic fork "EARLES" and hydr.shocks  
Rear suspension: swingarm with hydraulic shocks  
Front brake: 180 mm drum  
Rear brake: 150 mm drum  
Front tire: 2.75x19"  
Rear tire: 2.75x19"  
Wheels: spokes  
Tank: 14 litres  
Length: 1895 mm  
Width: 620 mm  
Wheelbase: 1280 mm  
Weight: 110 Kg

### **PERFORMANCE**

Speed: 120 kph

**175CC 1 CILINDER 4 STROKE**

**RACE MODELLEN**