

DUCATI

Super
FALCON

80

Sport



Specifications : 80 cc. - 2 stroke
Max. speed 50/55 MPH (approx.) - 3 speed gearbox.

PRINTED IN ITALY

ENGINE

2-stroke

Single-cylinder, inclined 25°, made of special nickel-cast-iron, deeply finned.

Light alloy head, with hemispherical combustion chamber, lightly finned.

Bore mm. 47 - Stroke mm. 46 - Displacement cc. 79.807.

Compression ratio 8,5 ÷ 9 : 1

Carburettor Dell'Orto UA 18 S with air cleaner F 35/1 - n. 5321

Air cooling

6% Mixture lubrication for the engine; in oil-bath for the gearbox and the clutch.

Ignition by 6V - 30W - High Tension outer coil

Sparking plug Marelli CW 260, Beru 260-14, KLG F-100

Kick starter

Lighting by magnet flywheel, 3 light from headlamp, tail light with stop, horn, mile-speedometer incorporated in the headlamp

Transmission: from engine to gearbox, by gears; from gearbox to wheel, by chain, with special cushion drive

Gearbox in unit with the engine; 3 speeds, gears in constant mesh

Movable operating handgrip in unit with the clutch

Clutch: multi-plate discs running in oil bath

Rear suspensions: with swinging arm with semi-hydraulic shock absorbers

Single seat saddle

Voluminous tool-box

Two central stands, rear luggage-holder

Spoke-wheels, chromium plated steel rims with normal profile 2" x 18" for the front one, 2" x 18" for the rear one, with removable axles

Expanding brakes: front, hand operated; rear, by foot pedal.

Drums diameter: 118 mm.

Tires: front, 2.1/4" x 18" reinforced; 2.50" x 18" with block tread reinforced, the rear one

Inflating pressures: front wheel, 1.75 kg/cm²
rear wheel, 2.25 kg/cm²

DIMENSIONS

Wheel base	mt.	1.160
Maximum length	mt.	1.810
Maximum height	mt.	1.—
Maximum width	mt.	0.660
Height at saddle	mt.	0.750
Weight (approx.)	lbs	125
Oil sump holds approximately	Kgs.	0.300 (Liters 0.360)
Fuel tank holds	lt.	11.600

FRAME

Of highly resistant steel tubing, built on very smart lines.

Front suspension: telescopic fork with spring in oil bath.

PERFORMANCE

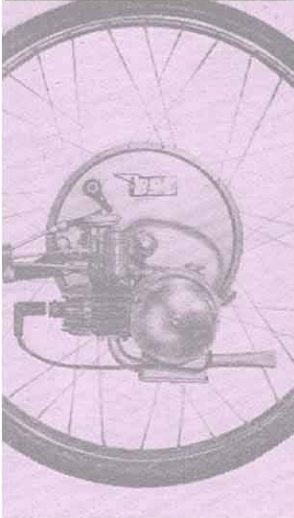
Maximum speed	Mph - 50/55 (approx.)
Fuel consumption	mpg. 150 (approx.)

BERLINER MOTOR CORPORATION

Railroad Street and Plant Road, Hasbrouck Heights, New Jersey

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Information Service



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