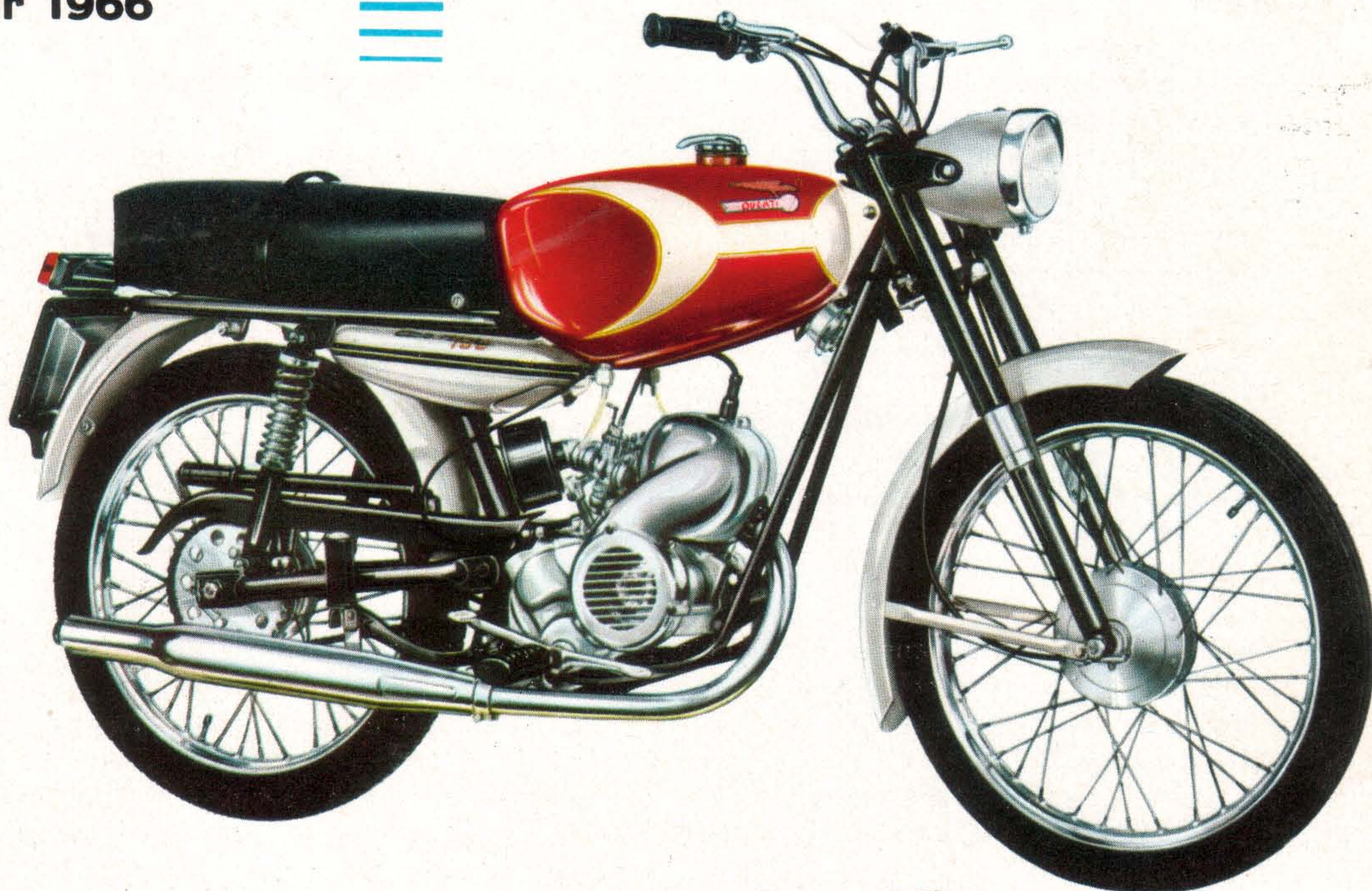
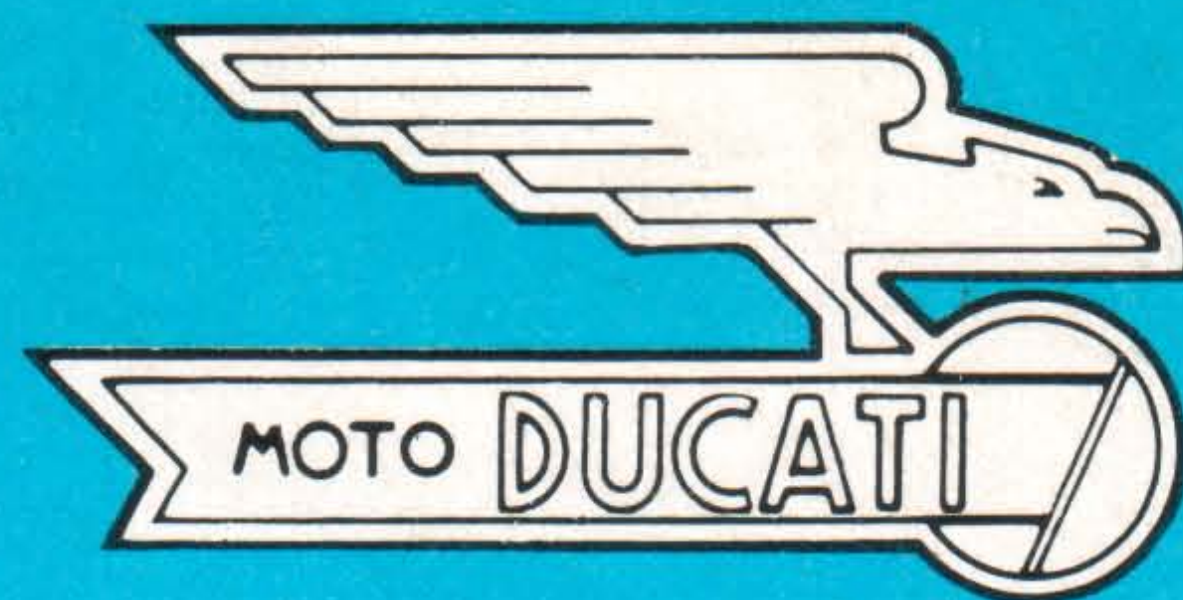


# DUCATI

## CADET

# 100

For 1966



2 stroke 4 speeds - foot shift

## BERLINER MOTOR CORPORATION

Railroad Street and Plant Road,  
Hasbrouck Heights, New Jersey - U.S.A.

Ducati Meccanica s.p.a. - CAS. POST. 313 - PHONE: 40.02.50 - BOLOGNA (ITALY)

## specifications

### 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. 51 (2.0079") - Stroke mm. 46 (1.8110") - Displacement cc. 94.000 (5.74 cu. in)

Compression ratio 10 : 1

Ignition advance 24° ÷ 26°

Carburetor Dell'Orto UA 18 S with air Filter 35/1 - union 1705 - distance piece 3038

Forced air cooling through the flywheel blower

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

Ignition by 6 V - 30 W magnet flywheel and outer H.T. coil

Sparking plug Beru 260-14, KLG F-100

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

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

Gearbox in unit with the engine; 4 speeds, gears in constant mesh

Control by pedal with selector - Kick starting by pedal

Clutch: multi-plate type running in oil bath.

### FRAME

Double cradle in high tensile steel tubing, built on very smart lines

Front suspension: telescopic fork with springs in oil bath

Rear suspension: with swinging fork and exposed spring half-hydraulic shock-absorbers

Double seat saddle

Voluminous tool-box - With 2 central stands, foot-rests for the pillion, rear parcel-holder

Spoke-wheels, chromium-plated steel rims with normal profile 2" x 18" with removable axles

Expanding brakes: front, hand operated; rear, foot brake - Drums diameter: 118 mm (4.6457") - Tires: front, 2¼" x 18" ribbed; 2.50" x 18" with road tread, the rear one

Inflating pressure: front wheel, 1.75 kg/cm<sup>2</sup> (24.89 lb/sq. inch.) rear wheel, 2.25 kg/cm<sup>2</sup> (32.01 lb/sq. inch.).

### DIMENSIONS

Wheel base	mt.	1.160	(45.6692")
Maximum length	mt.	1.810	(71.2597")
Maximum height	mt.	1.000	(39.3700")
Maximum width	mt.	0.600	(25.9842")
Height at saddle	mt.	0.750	(29.5275")
Weight (unladen)	Kg.	66.000	(lbs 145.505)
Oil sump capacity	Kg.	0.300	(lbs 0.6614)
Mixture tank capacity	lt.	11.600	(USA gal. 3.0644)

### PERFORMANCE

Maximum speed: 60 M.p.h. & over

Consumption per 100 kms. lt. 2.2 (MPG 102 approx)