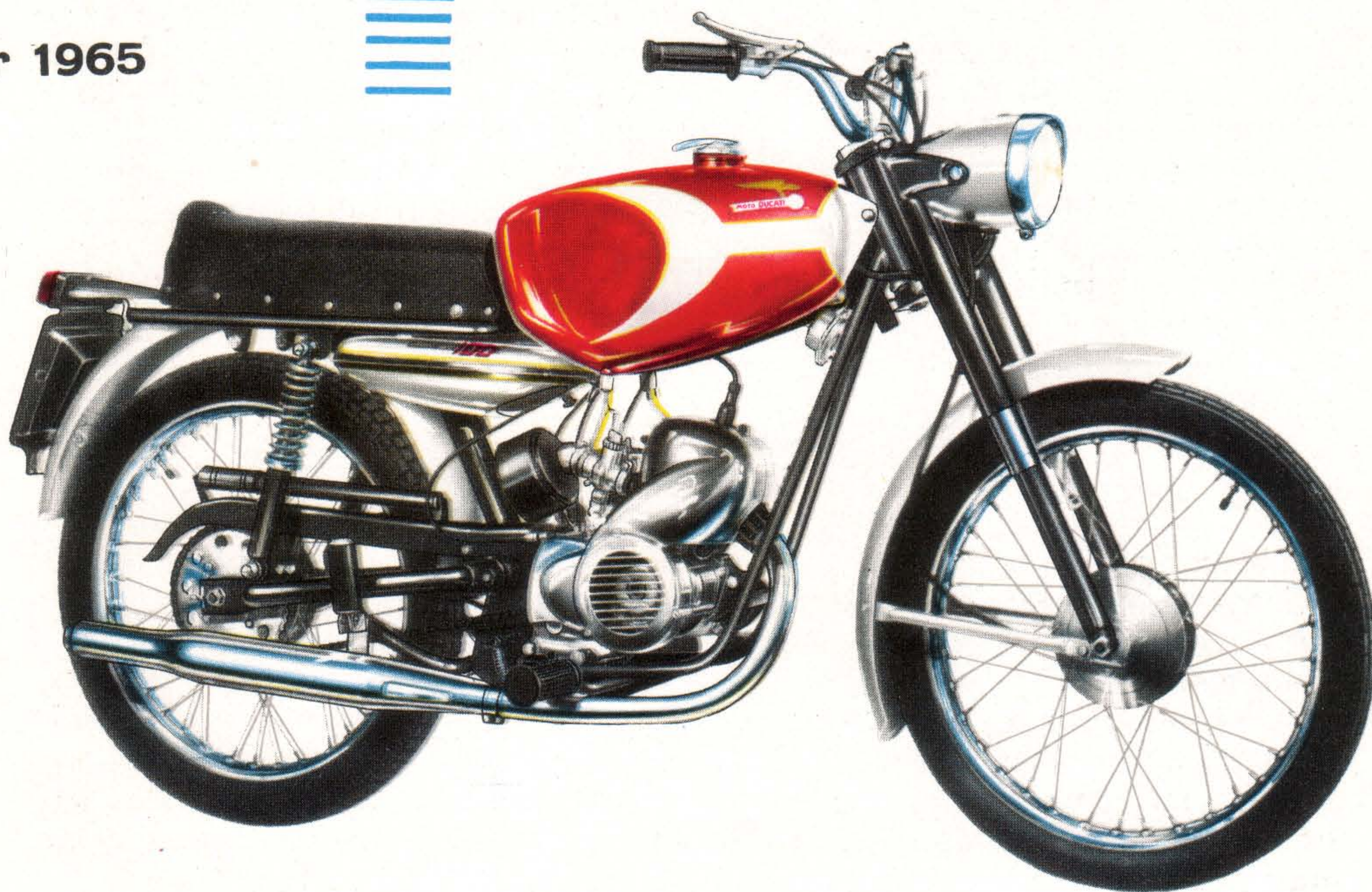
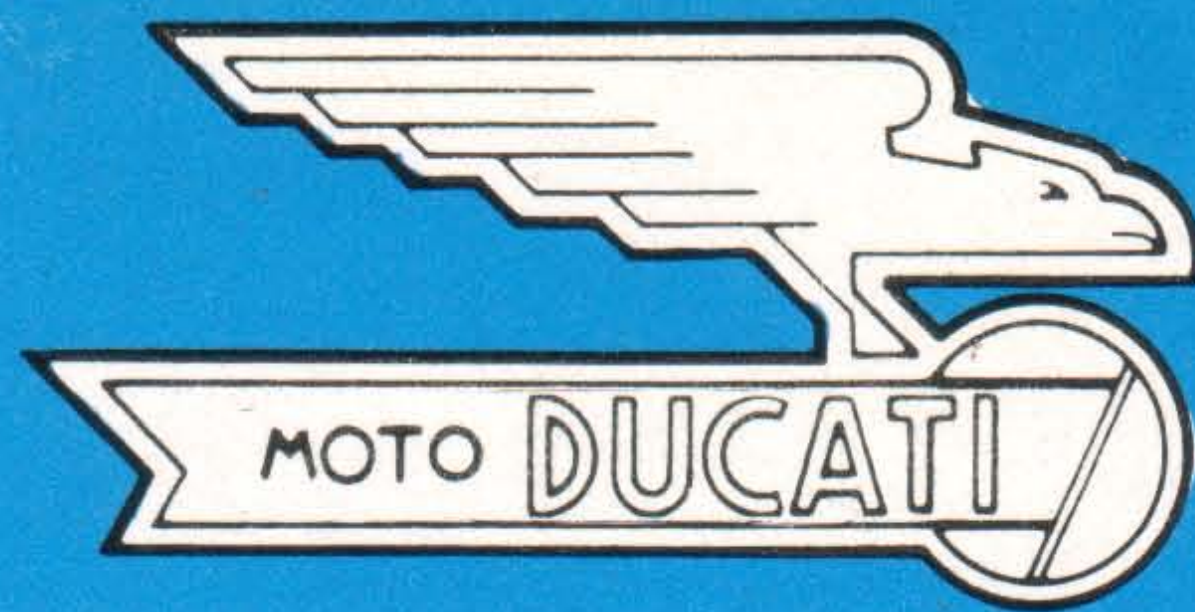


DUCATI

CADET

100

For 1965



HARRY'S MOTORS
965 Santa Fe Drive
AL. 5-9274 - DENVER, COLO.

BERLINER MOTOR CORPORATION

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

2 stroke

94 cc.

Timing by crossed lights.

Gearbox: 3 speeds.

Maximum speed Km/h
90 (approx. MPH 56).

Fuel consumption for 100
Kms lts 2.2 (MPG 102
approx).

MOTORCYCLE

DUCATI MECCANICA S.p.A. - CAS. POST. 313 - PHONE: 49.16.01 - BOLOGNA (ITALY)

General 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 - Stroke mm. 46 - Displacement cc. 94.000 - Compression ratio 8.5 ÷ 9 : 1 - Ignition advance 16° ÷ 18° - Carburetter Del'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 Marelli CW 260 N, 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; 3 speeds, gears in constant mesh - Movable operating handgrip in unit with the clutch operating one - Kick starter - Clutch: multi-plate discs running in oil bath.

FRAME

Double cradle in highly resistant steel tubing, built on very smart lines - Front suspension: telescopic fork with springs in oil bath - Rear suspension: with swinging fork and uncovered 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 steel rims with normal profile 2" x 18" with detachable axles - Expanding brakes: front, hand operated; rear, foot brake - Drums diameter: 118 mm. - Tyres: front, 2.1/4" x 18" ribbed; 2.50" x 18" with block tread, the rear one - Inflat- ing pressure: 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.	1.000
Maximum width	mt.	0.660
Height at saddle	mt.	0.750
Weight (unladen)	Kg.	66.000 (lbs 145)
Oil sump capacity	Kg.	0.300 (Its. 0.360)
Mixture tank holds	lt.	11.600

PERFORMANCE

Maximum speed	Km/h.	90.— (approx. MHP 56)
Consumption per 100 kms.	lt.	2.2 (MPG 102 approx.)