

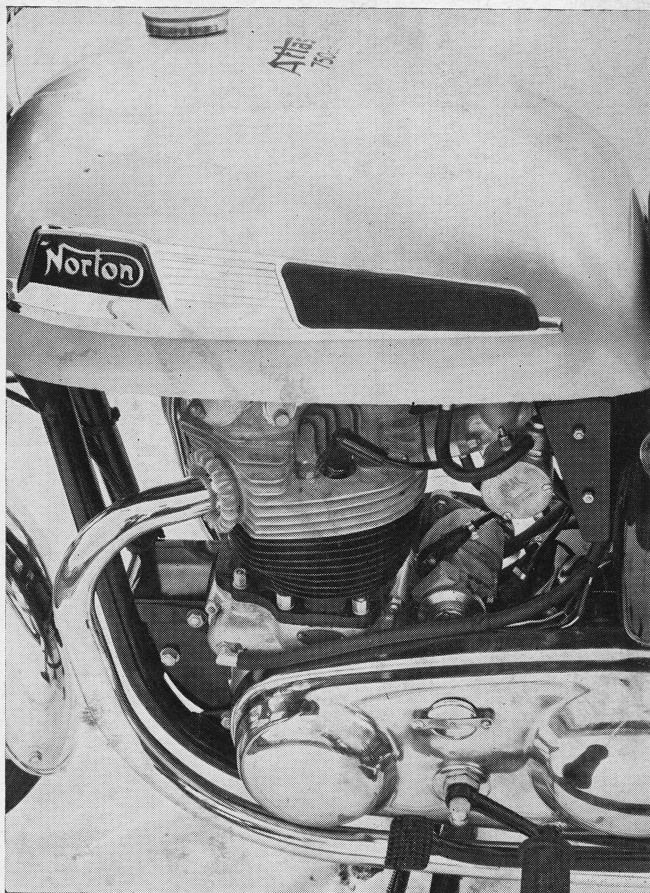
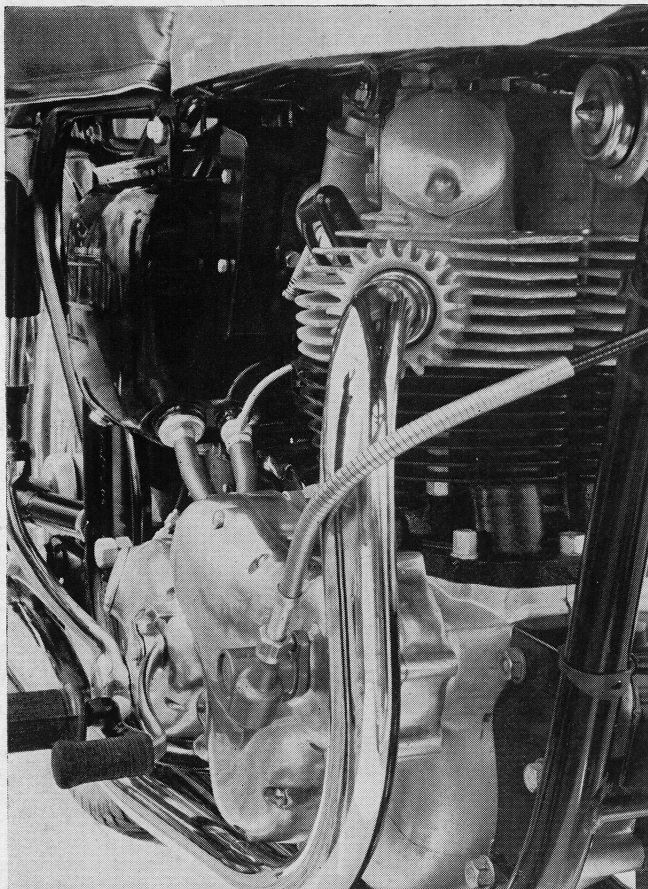
Norton

Atlas 750



The mighty Norton Atlas. The machine which develops more power throughout the entire range than any other available. Real beefy power to give you searing acceleration and effortless top speed cruising. Yet, at the same time, having the flexibility required for about-town riding and sidecar work. A choice of handlebar is available—the high western type illustrated or the usual Norton flat bar. Rev-counter extra.

Atlas 750



POWER HOUSE

Engine

745 c.c. o.h.v. vertical twin (73 mm. bore x 89 mm. stroke). Light alloy cylinder head block, with integral rocker box, and shrunk-in valve seats: parallel induction tracts with large diameter inlet valves: double helical valve springs: forged steel rockers with screwed-in adjusters: alloy push-rods with hardened steel end fittings: large diameter iron alloy tappets: single chain-driven camshaft mounted to fore of cylinder barrels: built-up forged steel crankshaft with large diameter central iron flywheel, supported by ball and roller bearings: plain big-end bearings: 2-piece alloy connecting rods: forged alloy pistons with three rings (c.r. 7.6:1): one-piece cast-iron cylinder block with integral push-rod tunnels: crankshaft driven gear type oil pump: carburation by twin Amal Monoblocs: ignition by magneto, with automatic advance and retard.

Frame

The famous Norton 'Featherbed' with its race-bred handling and road-holding. Full twin tube duplex cradle of welded construction, gusseted at steering head and swinging fork pivot for extreme rigidity. Robust rear fork pivots on bonded rubber bushes and movement controlled by adjustable Girling units.

Forks

New 'Roadholders' with built-in their-proof lock: progressive two-way oil-damping: single rate springs housed within heat treated tubular steel stanchions: light alloy sliders with chromed steel extensions.

Wheels

Chrome plated steel rims fitted with Avon high hysteresis tyres—sizes: Front 3.25 x 19; Rear 4.00 x 18 Grand Prix.

Hubs & Brakes

Large diameter die-cast light alloy hubs, with deep cooling fins and internal strengthening webs: front brake drum cast into hub: one-piece rear drum and sprocket bolted up to hub, giving a Q.D. rear wheel: ball journal bearings support hubs on high tensile steel spindles. Brake sizes—Front 8" x 1 1/4", Rear 7" x 1 1/4".

Lighting

12-volt: crankshaft mounted alternator: two 6-volt batteries mounted in series: Zener diode: 7" dia. headlamp with 50/40 w. double filament head bulb: combined rear and stop light with integral reflector.

Tanks

3.5-gallon pressed steel petrol tank, completely rubber mounted: single two-level tap. 4.5 pint pressed steel oil tank.

Colour Finish

Jet black primarily with silver petrol tank and chrome plated mudguards. Red or black tank, depending on availability.

Optional

Sidecar forks, gears and suspension. Handlebars.

Norton

Norton Motors Ltd., Plumstead Road, London, S.E.18