

**LOOKING  
FOR A MOTOR CYCLE**

*that will give you...*

*years of*

**RELIABILITY** ★

★  
**COMFORT**

★  
**ECONOMY**

★  
**SAFETY**



**THE O.E.C.**

*Lightweight*

**is your mount**

When you buy an O.E.C. LIGHTWEIGHT you invest in a machine that will provide, within its capacity, the same altogether satisfactory service usually associated with larger models. The O.E.C. LIGHTWEIGHT is designed for the average motor cyclist who needs economy and reliability in everyday use and a satisfactory, comfortable performance on long pleasure runs.

O.E.C. Ltd have long been famous in the motor cycle world for exceptionally good machines with outstanding specifications. That is the tradition behind the O.E.C. LIGHTWEIGHT—the very good machine for the average motor cyclist.



**Standard**

125 c.c. &  
196 c.c.  
MODELS

*Illustrated is the Standard  
Atlanta S2 197 c.c.*

**Full Specification overleaf**

**O.E.C.**  
MOTOR CYCLES

O.E.C. LTD • ATLANTA WORKS • STAMSHAW ROAD • PORTSMOUTH

*years of*

**RELIABILITY**

**COMFORT**

**ECONOMY**

**SAFETY**



# SPECIFICATION of the O.E.C. LIGHTWEIGHT

**ENGINE:** 125 c.c. or 196 c.c. Villier's two-stroke engine, single port type with deflectorless piston. Ball and roller bearings throughout.

**GEAR BOX:** Unit construction with engine drive by chain totally enclosed in aluminium oil-bath. Single plate clutch. Three speeds; gear ratios for 125 c.c. model 7:1, 12:0, 23:0, and for the 196 c.c. model 5:33, 9:0, 17:3. Kick starter. Foot operated gear lever.

**LIGHTING:** Rectifier lighting with accumulator, providing full capacity head lamp beam at all speeds. 6½ in. head lamp with ammeter. Stop light in tail lamp.

**IGNITION:** Ignition by flywheel magneto of robust design, fully enclosed and waterproof.

**CARBURETTOR:** Villier's automatic, with efficient air filter and easy starting device. Twist grip throttle control.

**FRAME:** All steel, specially designed loop type frame constructed of British steel tubing throughout, scientifically welded, without castings or lugs. This method of construction, employed by O.E.C. for many years, provides more than ample strength with considerable reduction in weight. Black enamel finish.

**FORKS:** O.E.C. telescopic forks of proved design. Load and rebound taken by compression springs. Black enamel finish.

**WHEELS:** Chromium plated rims, rustless spokes, Dunlop tyres 2.75 × 25 on the 125 c.c. model and 3.00 × 25 on the 196 c.c. model. Internal expanding brakes 4 in. front, 5 in. rear.

**TANK:** Welded steel tank for Petroil mixture, capacity 2½ gallons. Enamelled polychromatic silver with blue panel.

**EXHAUST:** Low level exhaust pipe and large capacity silencer of maximum efficiency and silence, chromium plated.

**MUDGUARDS:** 5 in. wide dome section mudguard front and rear, Enamelled polychromatic silver.

**SADDLE:** Lycett multi-spring seat.

**HANDLEBARS:** Adjustable sports type with normal controls and twist grip for throttle.

**EQUIPMENT:** Electric horn, rear stop light, central stand, tool box, tool kit, tyre inflator, licence holder.

**WEIGHT:** 125 c.c. model 180 lbs. (tank empty); 196 c.c. model 190 lbs.

★ ★ ★  
**YOUR O.E.C. LIGHTWEIGHT  
WILL CARRY  
THIS 6-MONTH GUARANTEE**

"We give the following Guarantee with our Motor Cycles and Sidecars in place of and to the exclusion of any implied Conditions or Warranties or any Liabilities whatsoever Statutory or otherwise:

"We guarantee that all precautions which are usual and reasonable have been taken by us to secure excellence of materials and workmanship, but this guarantee is to extend and be in force for six months only from the date of purchase. The damages for which we make ourselves responsible under this Guarantee are limited to the free repair of or supply of a new part in exchange for the part which may have proved defective. We do not undertake to bear the cost of replacing or refixing any such new part. As Motor Cycles and Sidecars are easily liable to derangement by neglect or misuse this Guarantee does not apply to defects caused by wear and tear, neglect or misuse. We do not guarantee Tyres, Saddles, Chains, Electrical Equipment or any other Specialities of Accessory Manufacturers.

"If a defective part should be found in our Motor Cycles or Sidecars it must be sent to us carriage paid and accompanied by an intimation from the owner that he desires to have it repaired or exchanged free of charge under our guarantee, and he must also furnish us at the same time with the number of the machine and the date of purchase."