

THIS IS THE "TIGRESS"—

An ultra-modern scooter by Triumph. Choose your engine—simple two-stroke or lively o.h.v. twin, both with four-speed gearbox.

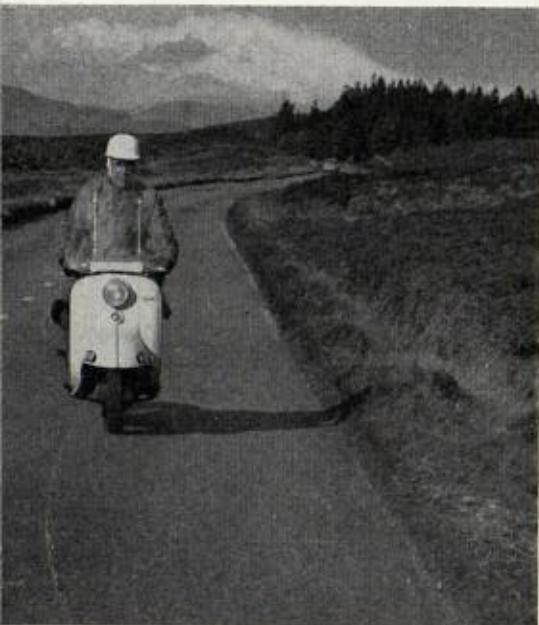
Controls — Simpler than any car.

Styling — Look at the beautiful lines.

Finish — Choice of colour schemes at no extra cost.

Comfort — Hydraulically controlled suspension front and rear and a supple full length latex filled seat.

Safety — Powerful 5-inch brakes and hairline steering. Efficient in design, efficient in operation, the Triumph "Tigress" will give you a completely new conception of scooter performance.



PRICES

TS1 £152. 17. 0d.
(incl. £25. 9. 6d. P.T.)

TW2 £184. 10. 0d.
(incl. £20. 15. 0d. P.T.)

TW2/S £198. 0. 0d.
(incl. £33. 0. 0d. P.T.)

The above prices are effective from the 1st September 1962 and are subject to alteration without notice.

To prove to you how little it costs to run a Triumph Tigress scooter—a standard production 250 c.c. model was ridden under official A.C.U. (Auto-Cycle Union) observation from Meriden (the "Centre of England") to John O'Groats, from John O'Groats to Land's End and from Land's End back to Meriden, 1,837 gruelling miles at an average speed throughout of 35.10 m.p.h. and a petrol consumption of 101.18 miles per gallon.

THE COST? A HALFPENNY A MILE FOR FUEL AND OIL

TRIUMPH ENGINEERING COMPANY LIMITED
Scooter Division MERIDEN WORKS, ALLESLEY, COVENTRY



TRIUMPH TIGRESS SCOOTER TECHNICAL DETAILS

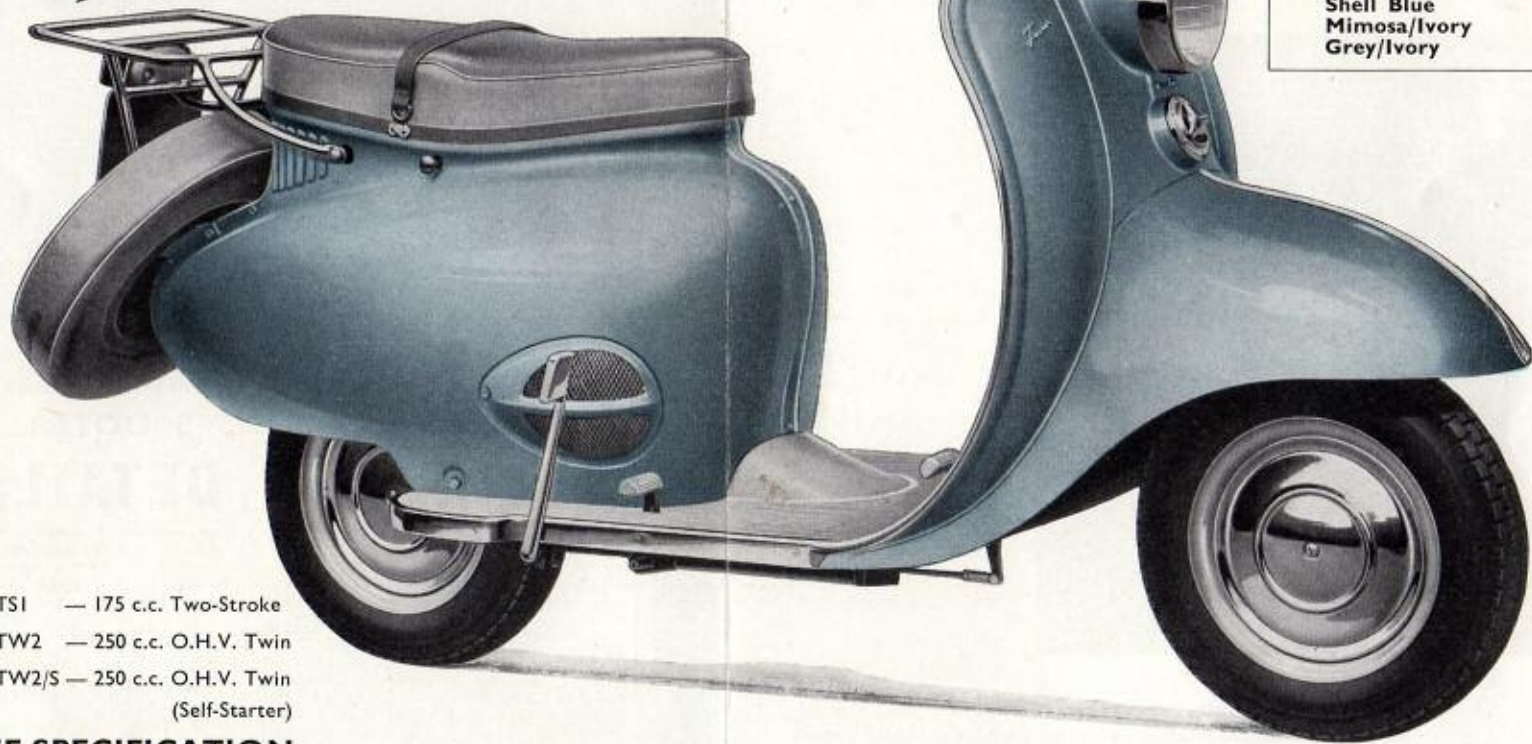
	TS1	TW2 and TW2/S
Engine Type	2 stroke	OHV
Number of Cylinders	1	2
Bore/Stroke mm.	61.5 x 58	56 x 50.62
Bore/Stroke ins.	2.42 x 2.28	2.20 x 2.00
Cylinder Capacity ccs.	173	249
cu. ins.	10.6	15.2
Compression ratio	7:1	6.5:1
B.H.P. at R.P.M.	7.5 H.P. at 5,000 r.p.m.	10 H.P. at 5,500 r.p.m.
Primary drive	Gear 2.27:1 Ratio	2.0:1 Ratio
Rear Drive	Duplex Chain with Tensioner	Duplex Chain with Tensioner
R.P.M. 10 m.p.h. Top Gear	948	834
Gear Ratios	Top 4.9:1, 3rd 6.2:1, 2nd 10.0:1, 1st 14.7:1	Top 4.0:1, 3rd 5.2:1, 2nd 8.0:1, 1st 12.0:1
Carburettor	Amal	Zenith 17MX
Tyres—Front } Rear }	3.50 x 10 } Scooter tyre }	3.50 x 10 } Scooter tyre }
Brake diameter	5" dia. x 1" wide	5" dia. x 1" wide
Seat Height	28" 71 cm.	28" 71 cm.
Wheelbase	48" 122 cm.	48" 122 cm.
Length	72" 183 cm.	72" 183 cm.
Width	24" 61 cm.	24" 61 cm.
Ground Clearance	5" 12.7 cm.	5" 12.7 cm.
Weight	220 lbs. 100 Kg.	240 lbs. 109 Kg.
Petrol capacity	1½ gallons 6.8 litre	1½ gallons 6.8 litre
Lubrication	Petrol	2½ pints oil 142 c.c.

ACCESSORIES—A full range of accessories has been designed for the Triumph Tigress including windscreen, spare wheel and cover, luggage racks, wheel discs, etc. Details on request.

The
TRIUMPH
Tigress
Scooter

The Sleekest Smoothest Scooter Ever!

The TRIUMPH Tigress



COLOUR SCHEMES AVAILABLE

A choice of three colour schemes is available for both the 175cc and 250cc Tigress Scooters at no extra cost.

Shell Blue
Mimosa/Ivory
Grey/Ivory

CAR TYPE WHEELS

1 The luxury specification of this scooter includes wheels with simple three stud mounting which are quickly removable and interchangeable—a valuable trouble saving feature.

EFFICIENT FOUR-STROKE ENGINE

2 The four-stroke overhead valve twin cylinder engine combines high performance and great economy with the ability to cover big mileages with the minimum of attention.

INSTANT ACCESSIBILITY

3 Raising the hinged twin seat allows instant access to fuel tanks, electrical system, tool kit and engine unit.

SUPERB SUSPENSION

4 The hydraulically damped swinging arm rear suspension ensures maximum rider comfort at all speeds.

ALL ENCLOSED TRANSMISSION

5 Complete reliability is ensured by the geared primary drive to the four speed gearbox, with clutch running at engine speed. Duplex rear chain is enclosed in aluminium oil bath case. Silent, clean and efficient.

Model TS1 — 175 c.c. Two-Stroke

Model TW2 — 250 c.c. O.H.V. Twin

Model TW2/S — 250 c.c. O.H.V. Twin
(Self-Starter)

BRIEF SPECIFICATION

ENGINE TS1 173 c.c. single cylinder two stroke fan cooled. Flywheel magneto. Steel connecting rod with roller bearing big end. Petroil lubrication.

ENGINE TW2 249 c.c. o.h.v. vertical twin. Alloy cylinder head. Aluminium pistons. One piece steel crankshaft. Car type lubrication. Fan cooling. Crankshaft mounted A.C. alternator. **ENGINE TW2/S** As TW2 but with self-starter.

GEARBOX AND TRANSMISSION Crankshaft mounted multi-plate clutch. Four-speed gearbox with positive foot change operation and automatic neutral finder. Final drive by duplex chain (with tensioner) enclosed in aluminium oil bath case.

WHEELS Quick detachable car type of pressed steel. Interchangeable.

BODY Beautifully styled pressed steel construction. Completely enclosed engine and transmission. Spacious platform and front apron for efficient weather protection. Twin seat cushioned with latex foam and hinged for instant access to engine compartment and fuel and oil reservoirs. Duplex tubular frame. Car type instrument panel.

ELECTRICAL EQUIPMENT TS1—6 volt flywheel magneto with A.C. lighting coils giving 30 watts output. **TW2**—6 volt with A.C. alternator. Twin

contact breakers and coils. **TW2/S**—12 volt with car type starter. Ignition by twin contact breakers and coils. Powerful starter motor engages ring gear on flywheel. Starter control adjacent to instrument panel. All models have powerful headlamp, horn and combined tail-stop lamp.

SUSPENSION Double plunger type telescopic fork. Swinging arm rear with combined suspension damper unit.

FUEL TANK Housed beneath twin seat, quick release filler cap. Oil carried in engine sump with accessible dipstick.



Information Service

