



Bonneville 750 / Tiger 750







Bonneville 750/Tiger 750

An exciting development from the world renowned Bonneville 650. The new 750 cc engine gives even more power, even more acceleration and even more effortless running at high speeds.

A star studded specification includes the new Triumph/Lockheed hydraulic front disc brake, five speed gearbox, improved headlamp/instrument grouping, large capacity fuel tank and well proved twin tube frame with oil carrying top tube. New elegantly shaped silencers.

This is the motor cycle supreme for the man who knows. The man who rides far and fast and demands the best.

Features *(L. to R. below)*

Bonneville 750 engine. The new twin cylinder, twin carb big Bonneville. Engineered for high power output with complete reliability.

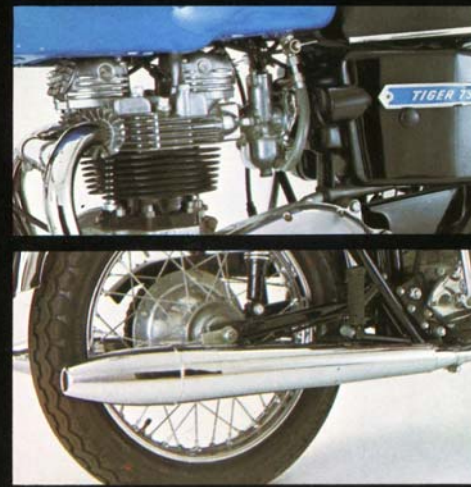
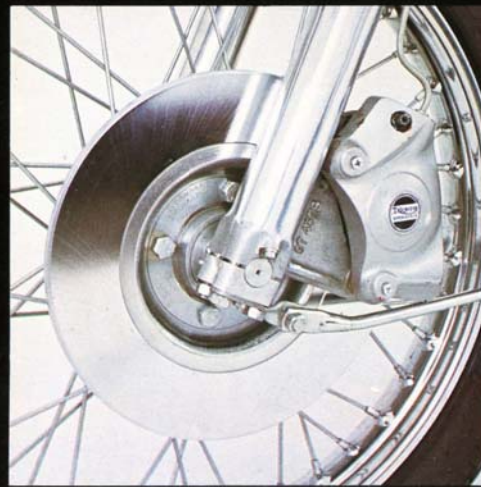
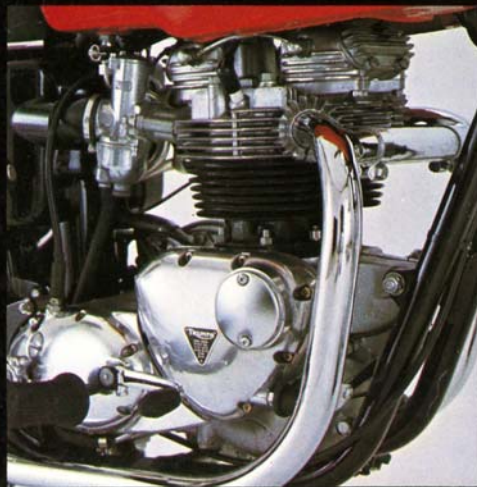
Disc brake: The powerful new Triumph/Lockheed hydraulically operated front disc brake. Ten inch diameter hard chromed disc on light alloy hub. Master cylinder incorporated with brake lever.

Tiger 750: Single carburetter flexibly mounted to large capacity air cleaner at rear.

Silencers: New elegantly shaped silencers now fitted to all 500 cc and 750 cc models. Designed to meet required decibel levels with minimum power loss.

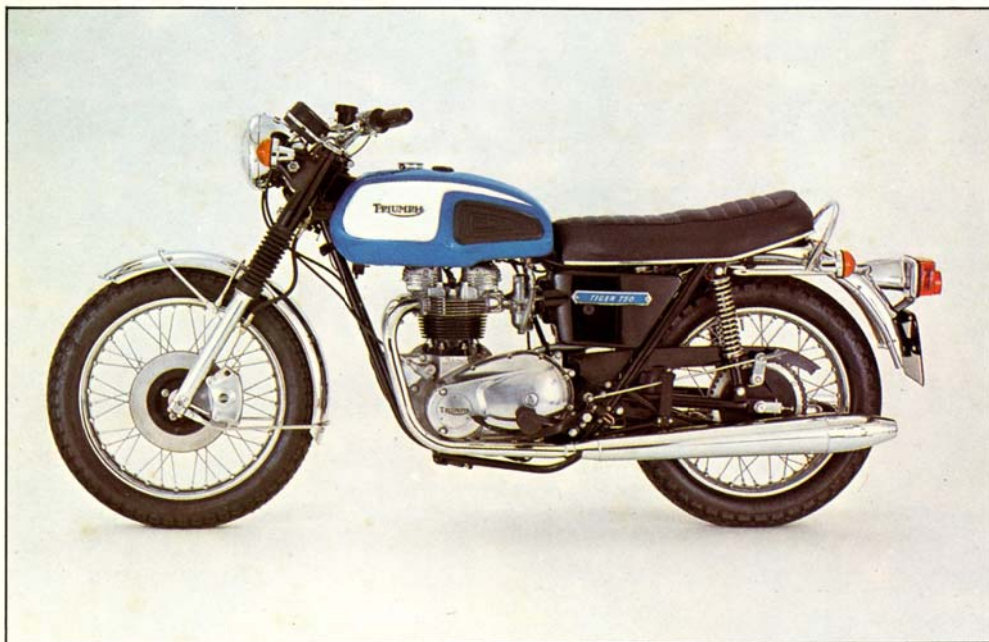
Control layout: Handlebar shaped for maximum comfort and control at all

speeds. Horn, flasher and dip switches conveniently arranged. Warning lights for main beam, flashers and oil pressure.



Tiger 750

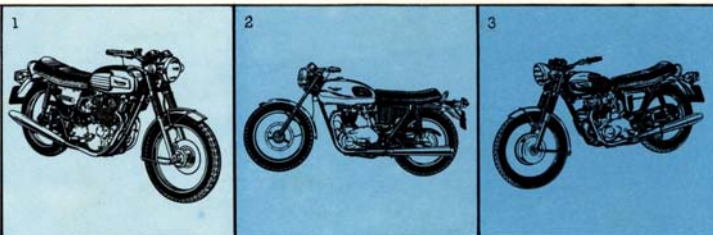
The Tiger 750 specification is identical to that of the Bonneville 750 apart from the single carburettor set-up. Tractable, economical and untiring, the big Tiger combines performance with style.



Other high performance models in the Triumph range.

1. TRIDENT 750, three cylinders.
2. BONNEVILLE 650/TIGER 650, twin cylinders.
3. DAYTONA 500 twin carbs, twin cylinders.

Ask your dealer for illustrated colour brochures on these models.



Specification

Engine: Twin OHV. Light alloy cylinder head. Valves pushrod operated from two gear driven camshafts. Alloy connecting rods with plain big end bearings. Ball and roller main bearings. Tiger, Single carburettor. Bonneville, Twin carburettors.

Forks: Polished aluminium sliders. Two way hydraulic damping. Rubber gaiters.

Rear Suspension: Swinging fork, hydraulically damped and adjustable for load.

Gearbox: Five speeds. Multiplate clutch with bonded segments and built-in transmission shock absorber.

Brakes: Light alloy hubs. Triumph/Lockheed disc brake. Rear 7" brake with fully floating cam.

Electrical and Lighting

Equipment: 12 volt. One coil per cylinder. Crankshaft-mounted alternator. Master electrical switch and handlebar switch consoles. Direction indicators.

Frame: Welded frame with large diameter oil-containing main tube. Tapered roller steering head bearings.

Petrol Tank: All steel welded, with quick release filler cap.

Twin Seat Assembly: Hinged seat for ready access to electrical equipment.

Handlebars and Fittings:

Chromium plated bar. Heavy duty cables with built-in adjusters.

Technical data

	Tiger	Bonneville
Model No.	TR7RV	T140V
Engine Type	OHV	OHV
No. of Cylinders	2	2
Bore/Stroke mm	76/82	76/82
Bore/Stroke ins	2.99/3.23	2.99/3.23
Capacity cc	744	744
Capacity cu. ins.	45.4	45.4
Comp. Ratio	8.6:1	8.6:1
Eng. Spr. Teeth	29	29
Clutch Spr. Teeth	58	58
G/Box Spr. Teeth	20	20
Rear Spr. Teeth	47	47
RPM at 10 mph (top gear)	634	634
Gear Ratio 5th gear	4.70	4.70
Gear Ratio 4th gear	5.59	5.59
Gear Ratio 3rd gear	6.58	6.58
Gear Ratio 2nd gear	8.63	8.63
Gear Ratio 1st gear	12.15	12.15
Carburettor Make	Amal	Amal (2)
Carburettor Type	R930	R930/L930
Primary Chain Size	$\frac{3}{8}$ " Triplex	$\frac{3}{8}$ " Triplex
Rear Chain Size	$\frac{3}{8}$ " x $\frac{3}{8}$ "	$\frac{3}{8}$ " x $\frac{3}{8}$ "
Tyre Size Front	3.25/19	3.25/19
Type	K70	K70
Tyre Size Rear	400/18	400/18
Type	K70	K70
Front Brake diam.	10"/254 mm	10"/254 mm
Type	Disc	Disc
Rear Brake diam.	7"/180 mm	7"/180 mm
Type	1LS	1LS
Finish	Blue/Opal	Vermillion/Gold
Seat Height	31"/790 mm	31"/790 mm
Wheelbase	56"/1420 mm	56"/1420 mm
Length	87 $\frac{1}{2}$ "/2220 mm	87 $\frac{1}{2}$ "/2220 mm
Width	29"/736 mm	29"/736 mm
Ground Clearance	7"/180 mm	7"/180 mm
Dry Weight lbs/kilos	389/176	390/177
Fuel Imp. gall/litres	4/18.2	4/18.2
	(optional)	
	2/9.1	2/9.1
Oil Imp. pints/litres	5/2.8	5/2.8



Let the power speak

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