



**Trident 750**











# Trident 750

**The fabulous Triumph Trident,** the superbike of superbikes! Its magnificent turbine-like three cylinder engine sets a standard of its own for smooth effortless performance –and what performance! Read what a well known motor cycling journalist has written about the Trident:

'With its own unique snarl, it out drags any production car on the road up to 100 mph . . . the thrill derived from doing standing starts and feeling that big hand trying to pluck you off the back of the seat is unbelievable . . . up through the gears to 8000 rpm with your cheeks pinned back to your ears!

So much for the standard road going Trident. On the race

tracks it has been virtually unbeatable in Production 750 and Formula 750 racing. Ray Pickrell, Tony Jefferies, Percy Tait are just three of the well known riders who have chalked up a long list of successes on the Trident. For the ultimate in performance it must be a Trident for you.

### Features *(L. to R. below)*

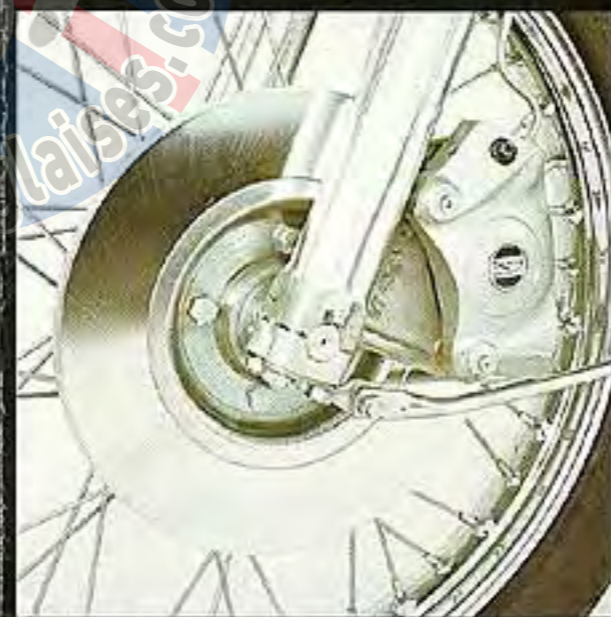
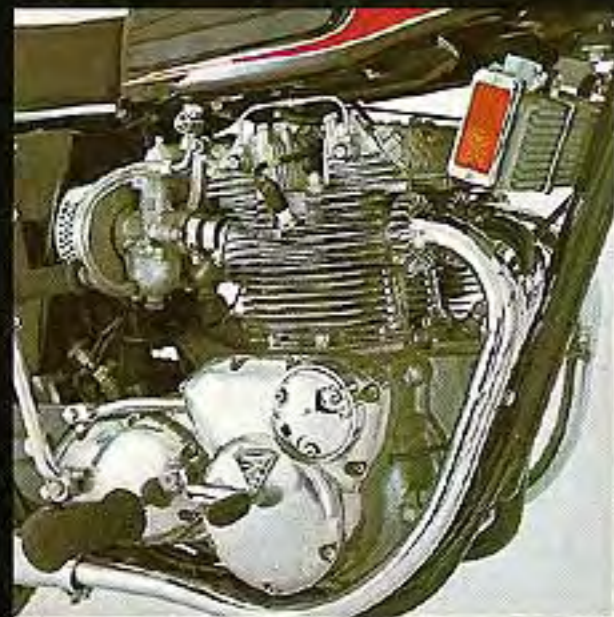
**Engine:** The heart of the Trident! The famous three cylinder all alloy engine with its three carburetters and five speed gearbox.

**Control layout:** Handlebar shaped for maximum comfort and control. Horn, flasher and dip switches in neat groupings. Warning lights for main beam, flashers and oil pressure.

**Disc brake:** The powerful new Triumph/Lockheed hydraulically operated front disc brake. Ten inch

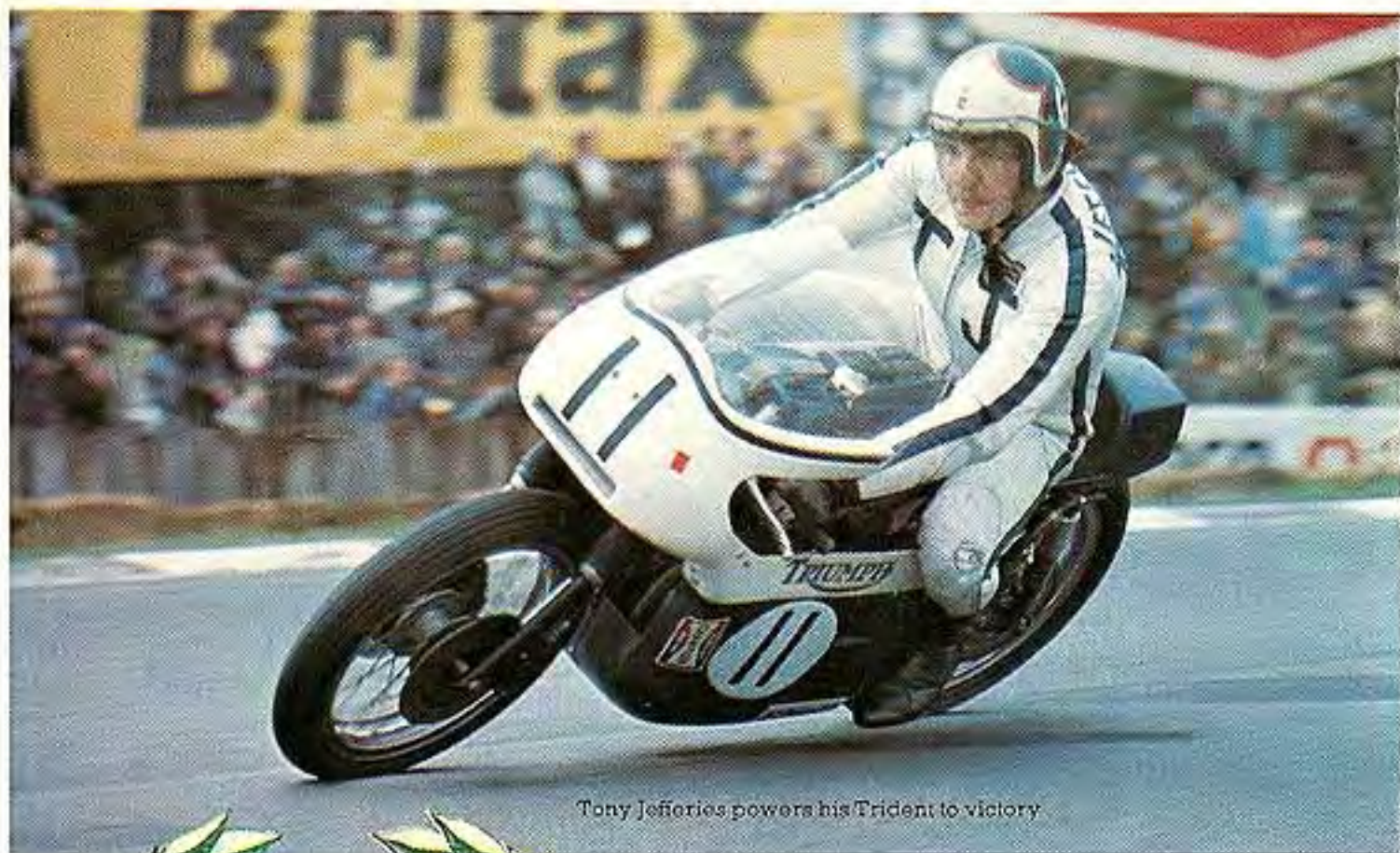
diameter hard chromed disc on a light alloy hub. Master cylinder incorporated with brake lever.

**Carburetters:** Three flexibly mounted Amal Concentric carburetters feed the Trident engine. Large capacity air cleaner.

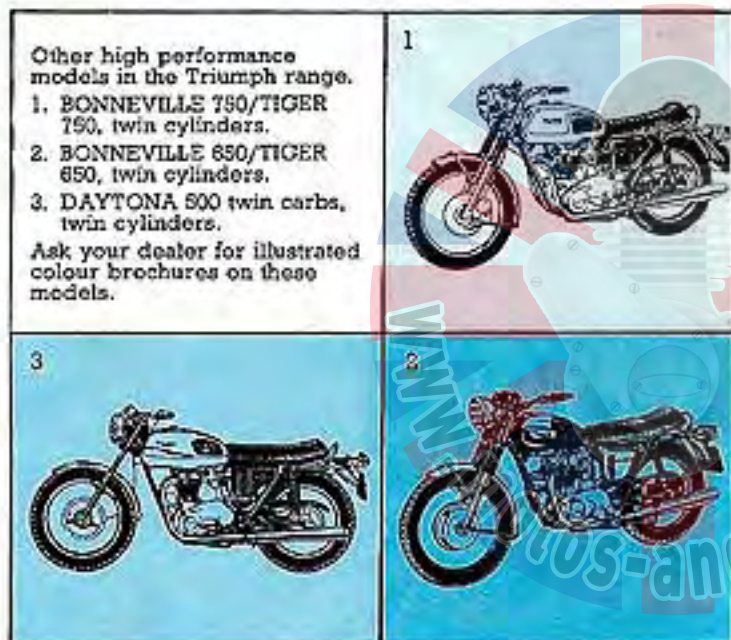
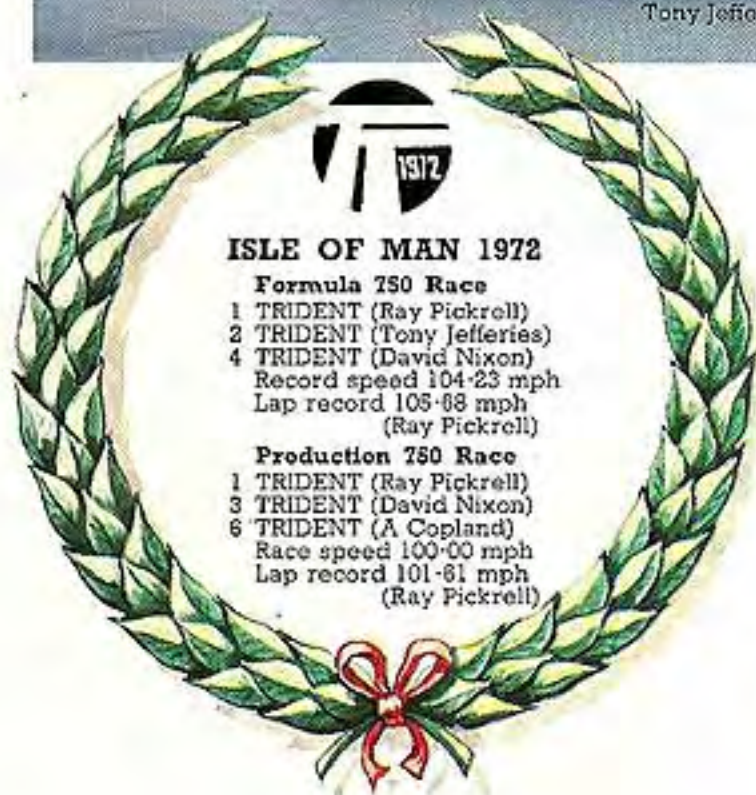


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Tony Jefferies powers his Trident to victory



## Specification

**Engine:** 750 cc vertical, transverse three cylinder OHV. Alloy cylinder head and die cast alloy block. Three carburettors. Valves pushrod operated from high performance camshafts. Triple contact breakers. Large rubber mounted oil tank. Flexibly mounted oil cooler. High capacity gear type oil pump.

**Forks:** Polished aluminium sliders with two way damping. Rubber gaiters.

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

**Gearbox:** Five speeds. Single dry plate diaphragm clutch.

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

**Electrical and Lighting Equipment:** 12 volt. One coil per cylinder. Crankshaft-mounted alternator. Master electrical switch. Direction indicators.

**Frame:** Heavy duty brazed cradle frame.

**Silencers:** New elegantly shaped silencers designed to meet required decibel levels with minimum power loss.

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

**Wheels:** Plated spokes and rims with Dunlop tyres.

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

**Handlebars and Fittings:** Chromium plated bar. Heavy duty brake cables with built-in adjusters. Nylon lined clutch cable.

## Technical data

Technical data	Trident
Model No.	T160V
Engine Type	OHV
No. of Cylinders	3
Bore/Stroke mm	67/70
Bore/Stroke ins	2.64/2.76
Capacity cc	740
Capacity cu. ins.	45.16
Comp. Ratio	9:1
Eng. Spr. Teeth	28
Clutch Spr. Teeth	50
G/Box Spr. Teeth	18
Rear Spr. Teeth	50
RPM at 10 mph (top gear)	705
Gear Ratio 5th gear	4.95
Gear Ratio 4th gear	5.92
Gear Ratio 3rd gear	6.98
Gear Ratio 2nd gear	9.15
Gear Ratio 1st gear	12.90
Carburettor Make	Amal (3)
Carburettor Type	626
Primary Chain Size	3/8" Triplex
Rear Chain Size	3/8" x 3/8"
Tyre Size Front	4-10 x 19
Type	K81
Tyre Size Rear	4-10 x 19
Type	K81
Front Brake diam.	10"/254 mm
Type	Disc
Rear Brake diam.	7"/180 mm
Type	1LS
Finish	Jet Black/Red
Seat Height	31 1/2"/800 mm
Wheelbase	58"/1473 mm
Length	88"/2235 mm
Width	29"/736 mm
Ground Clearance	6 1/2"/160 mm
Dry Weight lbs/kilos	480/209
Fuel Imp. gall/litres	4 1/2/20.4
	(optional) 3 1/2/15.9
Oil Imp. pints/litres	5.8/3.3



# Let the power speak

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