



# 500 cm<sup>3</sup> Victor MX





If you've envied the broad spread of power which lets the Works BSA's pull a high gear almost everywhere; the plume of debris they throw over their rivals from time to time; the shock-soaking forks and the easy-to-ride four stroke characteristics of these unattainable machines—then here's good news. Now the Victor MX is available to you—robust and powerful, built to last and last. The engine and frame layout faithfully follow the pattern which has brought five years of success to the factory team.

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## SPECIFICATIONS

### ENGINE:

Single cylinder, O.H.V. Light alloy cylinder head. Alloy barrel with liner. Moto-cross camshaft. Needle roller big end bearing. Three main bearings. Slipper piston, cast iron oil pump. Primary chain case oil supplied from crankcase to maintain constant oil level.

### BRAKES:

Light alloy hubs and brake plates with floating cam. 6" Front. 7" Rear.

### IGNITION SYSTEM:

E.T. Ignition with new segmented stator, carrying only ignition coils.

### FORKS:

New, with aluminium sliders to minimize unsprung weight. Fade free two-way dampers and hard chrome plated fork shafts with alloy fork crowns.

### FRAME:

New welded frame with large diameter top tube for strength and rigidity. Top tube doubles as oil container. Tapered roller steering head bearings. Swinging arm spindles with quadrant adjustment for rear chain. Needle roller swinging arm bearings. Fitted with folding footrests with spring return.

### REAR SUSPENSION:

Needle roller mounted swinging arm. Rear suspension hydraulically damped and adjustable for load. Exposed springs.

### WHEELS & MUDGUARDS:

High mounted stainless steel front mudguard, also stainless steel rear.

### GEARBOX:

Four speeds with medium close gear ratios selected to suit engine power band. Multi-plate clutch with bonded composite segments and built-in transmission shock absorber.

### EXHAUST SYSTEM:

Expansion chamber broadens torque curve and brings noise level to within A.C.U. limits.

## TECHNICAL DATA

Engine Type	OHV	Primary Chain Size	$\frac{3}{8}$ " Duplex
No. of Cylinders	1	Rear Chain Size	$\frac{5}{8}$ " x $\frac{1}{4}$ "
Bore/Stroke mm.	84 x 90	Tyre Size Front	3.00 x 20
Bore/Stroke ins.	3.31 x 3.54	Tyre Size Rear	Sports 4.00 x 18
Capacity cm <sup>3</sup>	499	Front Brake dia/type ins/cm	Sports 6" 1LS 15
Capacity cu. ins.	30.4	Rear Brake dia/type ins/cm	7" 1LS 18
Comp. Ratio	10:1	Finish	Pol. Alumin. Black & Red
Eng. Spr. Teeth	28	Seat Height ins/cm	Lining 32"/81.3
Clutch Spr. Teeth	52	Wheelbase ins/cm	54"/137
G/Box Spr. Teeth	14	Length ins/cm	82 $\frac{1}{2}$ "/210
Rear Spr. Teeth	52	Width ins/cm	33 $\frac{1}{2}$ "/85
RPM @ 10 MPH (top gear)	893	Ground Clearance ins/cm	7 $\frac{1}{2}$ "/19
Gear ratio 4th	6.90	Dry Weight lbs/kilos	240/109
" " 3rd	8.59	Petrol—Imp gallons/litres	1/4.5
" " 2nd	11.30	Oil—Imp pints/litres	4/2.3
" " 1st	15.04		
Carburetter Make	Amal		
" Type	R932		