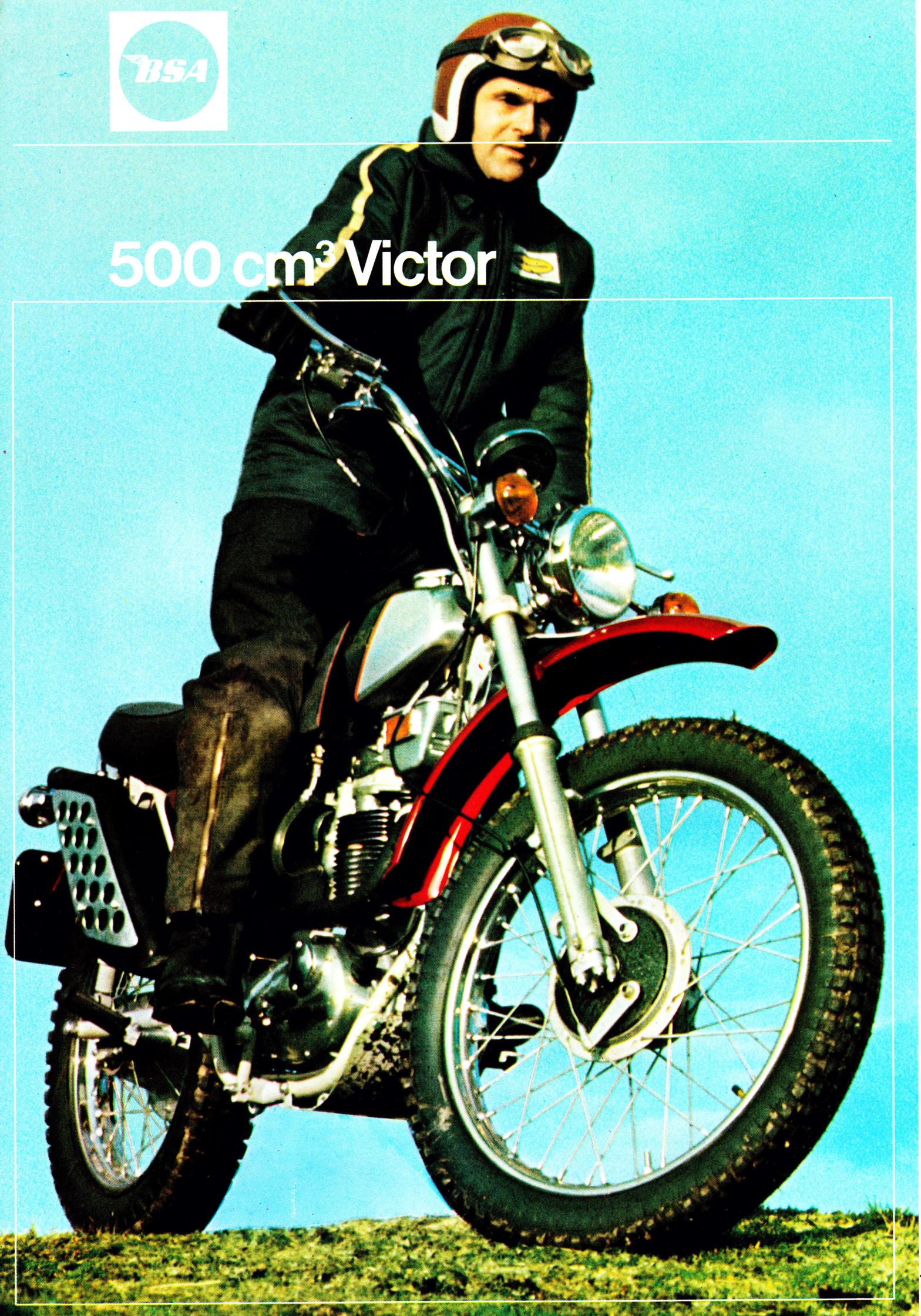




500 cm³ Victor

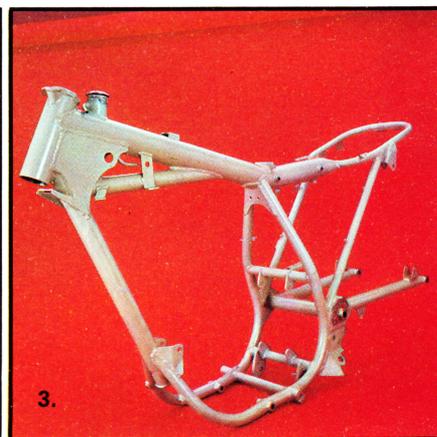
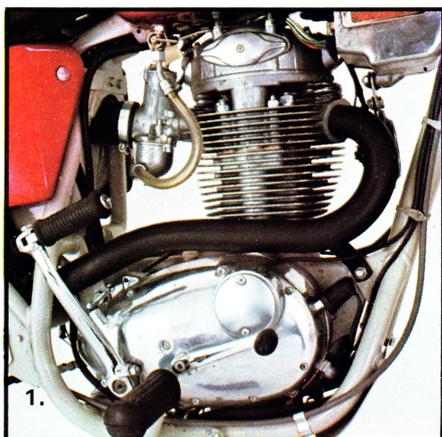


A trail machine that takes the rough with the smooth. A really rugged machine, strong yet as light as many smaller machines. Based on BSA's years of success in International moto cross, the new Victor 500 offers single cylinder O.H.V. simplicity, new competition-type forks for better handling and a new immensely strong frame. New Victor 500 . . . sporting good looks plus toughness.

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The issue of this brochure does not constitute an offer and illustrations and specifications described herein will vary for different countries. In line with our policy of continuous research and development we reserve the right to alter or change specification at any time without notice.

New 500 cm³ Victor



SPECIFICATIONS

ENGINE:

High torque single cylinder O.H.V. Light alloy cylinder head. Alloy barrel with liner. Needle roller big end bearings; three main bearings.

FORKS:

New, two-way damped, with strong alloy legs to minimise unsprung weight.

REAR SUSPENSION:

Swinging fork, hydraulically damped and adjustable for load.

GEARBOX:

Four speed. Multiplate clutch with bonded segments and built-in transmission shock absorber.

BRAKES:

Conical light alloy hubs with front 6" single leading shoe drum brake. Balanced cable operation and individual snail cam shoe adjustment. Rear brake 7" single leading shoe with fully floating cam.

ELECTRICAL AND

LIGHTING EQUIPMENT:

12 volt, single coil, Crankshaft-mounted alternator. New master electrical switch and handlebar switch consoles. Direction indicators.

FRAME:

New, welded frame with large diameter oil-containing top tube for strength and rigidity. Tapered roller steering head bearings. Swinging arm spindles with quadrant for accurate rear chain adjustment.

PETROL TANK:

All aluminium, with quick release filler cap.

HANDLEBAR AND FITTINGS:

Chromium plated with smooth action twist grip. Heavy duty cables with built-in adjusters. Clutch and front brake lever brackets have built-in mirror fixing points and switch consoles.

TECHNICAL DATA

Engine Type	OHV	Primary Chain Size	3/8" Duplex
No. of Cylinders	1	Rear Chain Size	5/8" x 1/4"
Bore/Stroke mm.	84 x 90	Tyre Size Front	3.00 x 20
Bore/Stroke ins.	3.31 x 3.54		Trials
Capacity cm ³	499	Tyre Size Rear	4.00 x 18
Capacity cu. ins.	30.4		Trials
Comp. Ratio	10:1	Front Brake dia/type ins/cm	6" 1LS 15
Eng. Spr. Teeth	28	Rear Brake dia/type ins/cm	7" 1LS 18
Clutch Spr. Teeth	52	Finish	Flam. Red
G/Box Spr. Teeth	15	Seat Height ins/cm	32"/81
Rear Spr. Teeth	52	Wheelbase ins/cm	54"/137
RPM @ 10 MPH (top gear)	843	Length ins/cm	85"/215
Gear ratio 4th	6.45	Width ins/cm	29"/74
" " 3rd	8.03	Ground Clearance ins/cm	7 1/2"/19
" " 2nd	10.58	Dry Weight lbs/kilos	298/135
" " 1st	17.1	Petrol-Imp gallons/litres	2/9
Carburettor Make	Amal	Oil-Imp pints/litres	4/2.3
" Type	R930		

NEW FEATURES

1. Unique, the four stroke 500 cm³ engine is the direct result of years' successful competition on the International moto cross scene. Four stroke power means tremendous torque, additional engine braking—the right power at the right time: weighs little more than many successful smaller machines.
2. New front fork design with full two-way hydraulic damping, gives controlled ride whatever the conditions.
3. New frame, immensely strong and rigid because of the large diameter top tube. This carries the engine oil, saves weight, gives additional oil cooling due to increased surface area.

PLUS THESE EXTRA FEATURES:

- New switch arrangement with horn button, dip switch, direction indicator switches, headlamp flasher and ignition cut-out button in two compact consoles.
- New conical hubs, front and rear, made from light alloy, Design adds strength, dissipates heat faster.
- New fade free brakes: Front 6" with single leading shoe. Rear 7" with single leading shoe.
- Instruments and headlamp cushioned in new anti-shock mountings.
- New, upswept matt black, 'box section' silencer.
- High level front mudguard.
- Cross country tyres.