



TOUGH RACE PROVEN PERFORMANCE



750 ROCKET 3

- 750 cc 3 Cylinder Engine
- 3 Carburettors ● Diaphragm Clutch
- 12 Volt Electrics ● Duplex Cradle Frame

A Rocket 3 won Daytona '71 at a new record average speed of 104.7 m.p.h. John Cooper beat Agostini to win the '71 'Race of the Year' and 'Race of the South', and won the Ontario 250 Mile Classic on a Rocket 3. The BSA expertise that produces this type of performance on the race track is built into the machine you buy. Rocket 3's three cylinder, three carburettor engine gives smooth, effortless acceleration (0 - 100 m.p.h. in 13.75 seconds) and Rocket 3 has a stunning maximum speed and many other exciting features. Two-way damped forks give a smooth controlled ride. Now in new colours for 1972.

Rocket 3... The big bike with performance that speaks for itself.



CONTROL LAYOUT OF THE ROCKET 3

Comfortably shaped bars for maximum control. Light alloy clutch and brake levers. Horn, flasher and dip switches in neat groupings. Speedometer and Tachometer easily visible. Warning lights for Main Beam, Direction Indicators and Oil Pressure.



GOLD STAR 500

- 500 cc Single Cylinder OHV Engine
- Alloy Head and Barrel
- Welded Frame with Oil Containing Top Tube
- Upswept Black Finish Exhaust

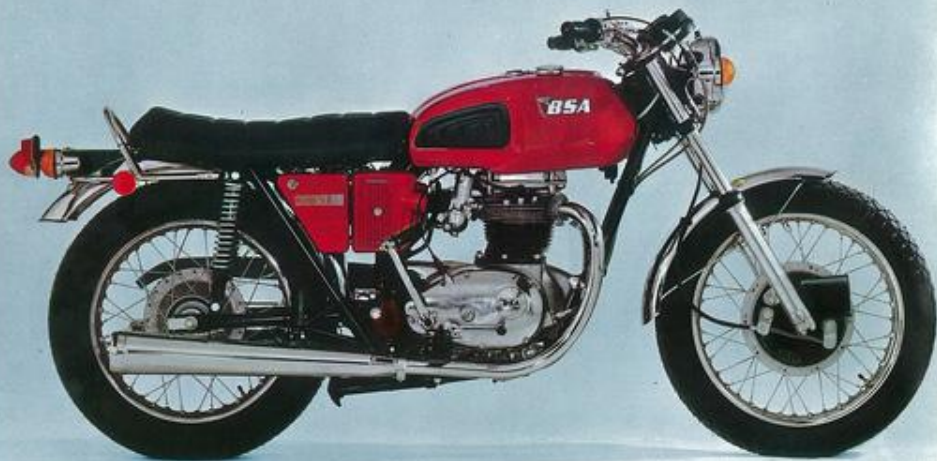
A Gold Star 500 won the 500 cc class in the Thruxton 500 miler*, and the Barcelona 24 hours Race* and won the Zolder 24 hour Race* outright. A tough no-nonsense street scrambler which is as much at home off the road as on it. Gold Star 500 has an extremely rugged race-proven frame, a willing 4-stroke power unit giving tremendous torque at low r.p.m. - the right power at the right time. New colours for '72 with polished front forks and hubs, make the 500 Gold Star a machine that looks good... and works hard.

*Entered by Mead & Tompkinson of Hereford, England and ridden by Nigel Rollason and Clive Brown.



AN ENGINE WITH MOTOCROSS BREEDING

Unique, the four-stroke Gold Star 500 engine is the direct result of many years of successful competition on the international motocross scene. Four-stroke power means tremendous torque, additional engine braking - the right power at the right time.



LIGHTNING 650

- 650 cc OHV Twin Cylinder Engine
- Welded Frame with Oil Containing Top Tube
- Superb Forks with Two-way Hydraulic Damping

BSA's wide racing experience is the key to the success of the dynamic Lightning 650.

Sporting good looks with twin-cylinder/twin-carburettor performance to match. Twin leading shoe 8" front brake for stopping power to match performance. Immensely tough all welded frame with large diameter main tube which also carries the engine oil. New in dramatic Firebird Red with chromium plated guards and polished forks. Dependable, rugged and fast - that's the Lightning 650.



POWER IN PLENTY, LIGHTNING POWER

The famous Lightning engine, two cylinders, two carburettors and tremendous performance. Alloy head, twin contact breakers and large capacity gear type oil pump. An engine that will Go and keep going!



THUNDERBOLT 650

- 650 cc OHV Twin Cylinder Engine
- Single Carburettor ● 12 Volt Electrics
- Twin Megaphone Type Silencers

One of the world's most popular long-range machines. The vertical twin-cylinder engine gives the best of both worlds - the thrust from a large capacity engine plus the flexibility of a single carburettor configuration.

With its immensely strong frame and two-way hydraulically damped forks the '72 Thunderbolt comes in Etruscan Bronze with chromium plated guards and polished forks.

Mechanical simplicity, unobtrusive power with dynamic acceleration and a top speed of over 100 m.p.h. - that's the BSA Thunderbolt 650.



CONTROL LAYOUT OF THE THUNDERBOLT

Bars designed for maximum comfort and controllability. Powerful headlamp carrying warning lights for Main Beam, Direction Indicators and Oil Pressure. Switches grouped for easy use. Alloy brake and clutch levers.

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. Variations from stated technical data may occur due to production considerations.

Printed in England by The Upton Printing Group



THE QUEEN'S AWARD TO INDUSTRY

BSA Motor Cycles Ltd.
Armoury Road, Birmingham B11 2PX
Telegrams & Cables: 'Selmoto, Birmingham
Telex: 33315.

BSA Motor Cycle Division.
Meriden Works, Allesley, Coventry V8 9AU.
Telephone: 0676 22331.
Telegrams: 'Trusty, Coventry', Telex: 31305.

