

Sunbeam Motor Bicycles

WITH PERFECT POWER TRANSMISSION

MADE BY

JOHN MARSTON LIMITED

THE LARGEST PRIVATE
FIRM OF CYCLE MAKERS

Established 1790

HEAD OFFICES AND WORKS

Sunbeamland Wolverhampton

Sold there & at the Company's Showrooms

London . 57 Holborn Viaduct E.C.1
157 & 158 Sloane Street
(By Sloane Square S.W.1)

Bournemouth . 8 Holdenhurst Road

Leeds . . . 5 Woodhouse Lane

Leicester . . . 16 London Road

Manchester . . . 20 Peter Street

Liverpool . . . 68 Renshaw Street

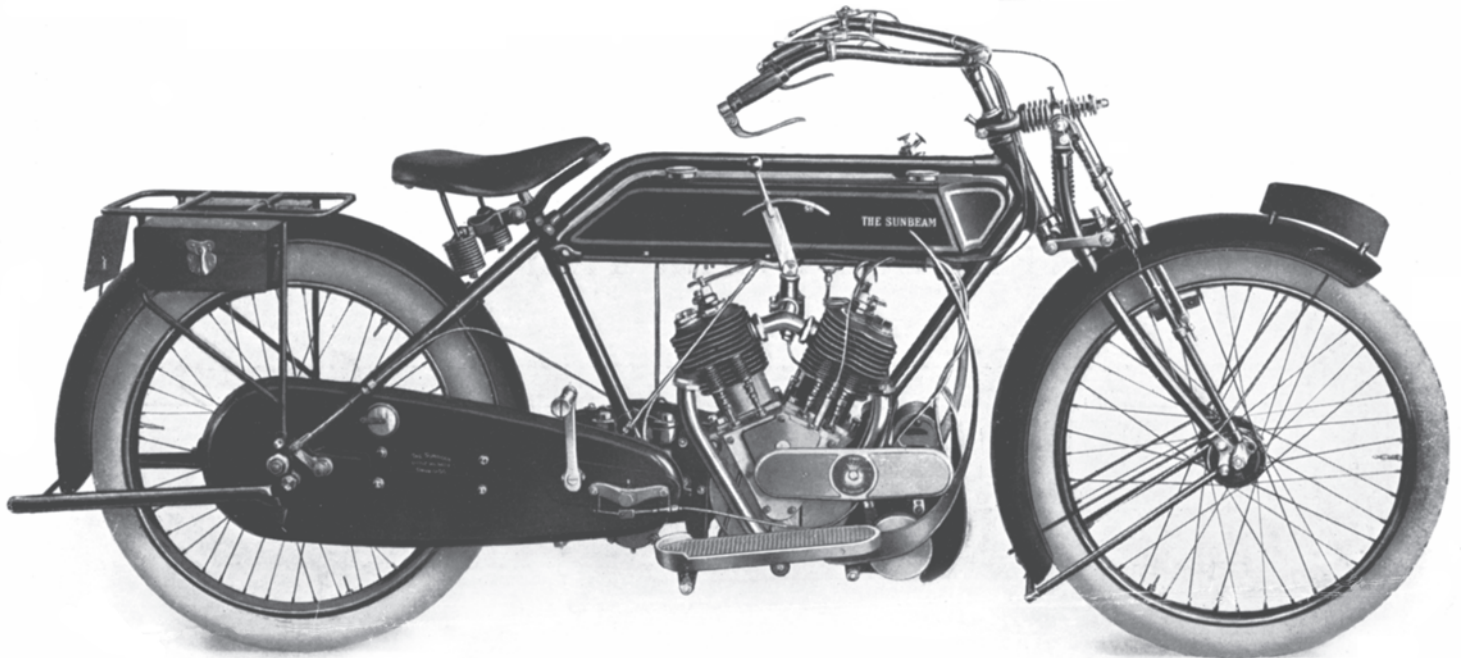
Birmingham . Chamberlain Square
Edmund Street

Edinburgh . . . 37 George Street

And by the best Agents throughout the United Kingdom

Sunbeams competed in the last Tourist Trophy Race in the Isle of Man. They had as competitors the sixteen leading makes of the world, some with as many as eight and nine separate entries. Three Sunbeams only were entered—three only—and these three won the “Team Prize,” the Blue Riband of the motor cycle industry. It is hard to overestimate the importance of this test.

The 8 h.p. Sunbeam Motor Bicycle



Abridged Specification of the Sunbeam 8 h.p. Motor Bicycle *With Perfect Power Transmission*

Frame—Built of special weldless steel tube of highest quality. All joints mitred where necessary. The frame has been designed and built to take the strains of a heavy side car.

Fork—Special Brampton Biflex, built to Sunbeam design.

Wheels—Quick detachable and interchangeable. The spoke holes are depressed to allow the nipple heads to sink into the rim, so that they are not liable to puncture the air tube. The hubs are fitted with very large ball bearings, and the wheels are built with 10 gauge spokes.

Tyres—Dunlop 28 x 3 in.

Mudguards—These are of ample proportions and very efficient. Large mudshields are fitted in front of footboards.

Engine 8 h.p. Jap, 85 x 85, 996 cc. The Sunbeam Patent Spring Drive is fitted, and makes the drive exceedingly supple.

Ignition—Ball-bearing waterproof magneto of the latest type. This is fitted in front of engine, and driven by an enclosed chain.

Carburettor—Latest pattern A.M.A.C. or B. & B.

Silencer—Large size and very efficient, with tail pipe.

Transmission—Hans Renold $\frac{3}{8}$ -in. pitch chains, $\frac{3}{4}$ -in. wide, with spring clip joints, entirely enclosed in the **Sunbeam Weatherproof Oil Bath Chain Cases**.

Clutch—Special Sunbeam, **operated by lever on handlebar, which is more convenient than the usual foot-control**.

Brakes—Internal expanding brake on rear wheel, operating inside back hub sprocket and enclosed in the chain case. The brake shoes are lined with Ferodo, and the brake is smooth and powerful in action. The front brake is operated by a Bowden cable from the handlebar, and, like the back brake, is of our own manufacture.

Starting—By foot lever on right side.

Foot Rests—Rubber-covered foot-boards with aluminium frames and heel pieces.

Tank—Bolted to lugs brazed to frame. Highly finished in black and gold. Capacity, nearly $2\frac{1}{2}$ gallons petrol and about $\frac{1}{2}$ -gallon oil. Priming cocks fitted to both cylinders. Lubricator, fitted with three-way cock, so that oil can be fed direct to the gear box. The tank is tapered to the rear, which allows large capacity with comfortable riding position.

Price on and after JULY 1st until further notice - 130 guineas

The 8 h.p. Sunbeam Motor Bicycle

Specification—continued

Three-speed Gear—This is a countershaft gear, and is bolted to a special machined lug built into the frame, giving perfect alignment and ease of chain adjustment. All three gears are brought into action by sliding dog clutches. These dog clutches slide on solid castellated shafts. No sliding parts are fitted to loose keys. The main and lay shafts run on large ball bearings, and the whole gear runs in an oil bath. The change speed lever works in a gate plate, which gives a positive stop for each position, and makes gear changing a simple operation. The standard gear ratio is 4'6, 7'4, 12'6.

Handlebar—Raised pattern, dropped at ends. Control wires are fitted, where possible, inside handlebar.

Tool Bags—One on each side of carrier. Tool roll with set of tools supplied with each machine.

Finish—Best black enamel, including the handlebar &c. The various levers, screws, and nuts &c. which are required for adjustment purposes are plated. All enamelled parts are treated to the Special Sunbeam Anti-rust Process.

Stands—Front and back stand, kick-up type.

Saddle—Brooks' latest type B170.

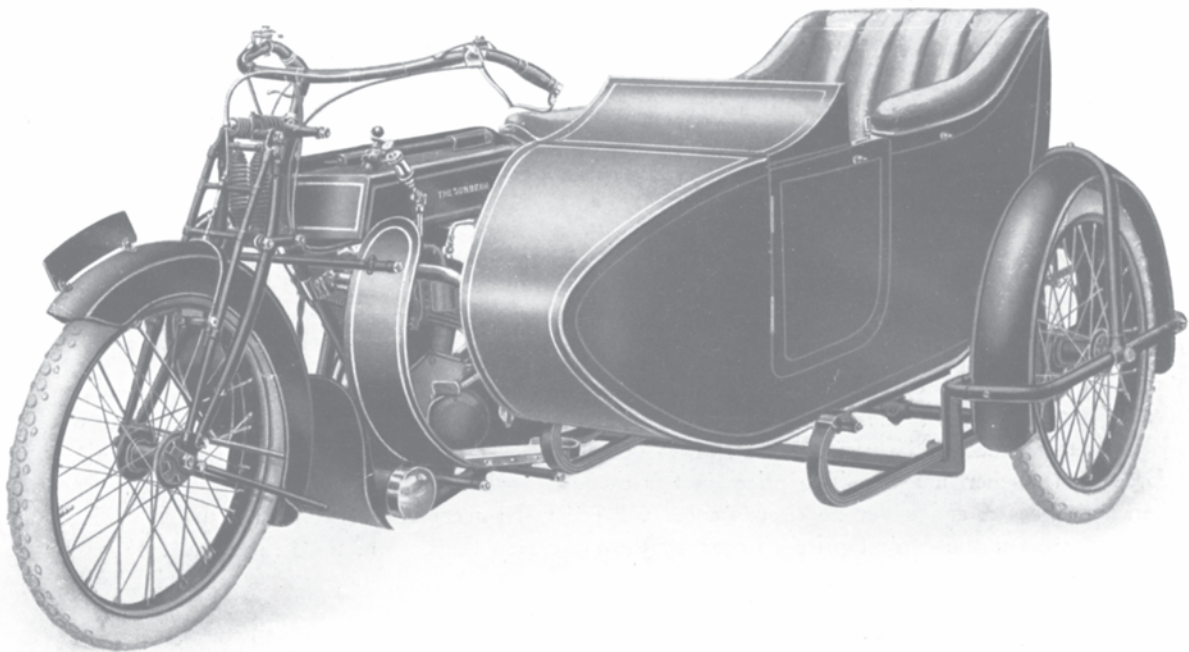
Price 120 guineas net cash

THE TRANSMISSION GEAR AND STARTING MECHANISM ARE ENTIRELY ENCLOSED

The Makers reserve the right to make such improvements or alterations in the specification as they may from time to time deem necessary and advisable without notice.

Sunbeam Side Car No. 2 MADE FOR THE 8 H.P. SUNBEAM

WITH DETACHABLE WHEEL, INTERCHANGEABLE WITH WHEELS ON MOTOR CYCLE

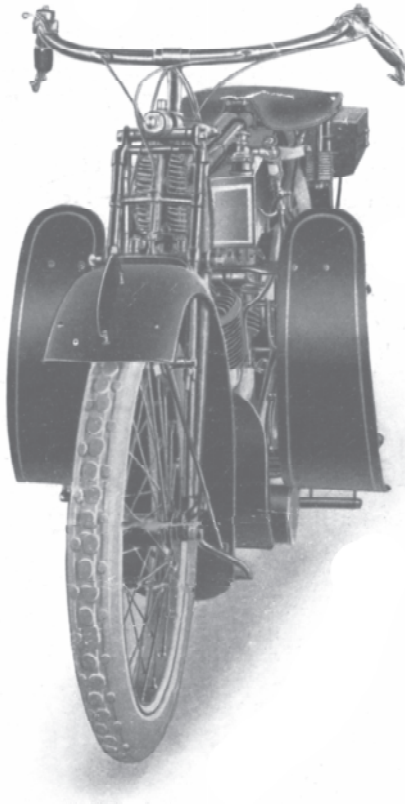


Price 38 guineas

Including luggage carrier, apron, and mat, and 28 in. x 3 in. Dunlop tyre on side car wheel
Spare wheel and tyre, 9 guineas extra Screen, £2 15s. extra Hood, £4 10s. extra

Complete Weatherproof Mudguarding and Leg Shields of the 8 h.p. Sunbeam

*Front view of the 8 h.p.
Sunbeam, showing the
Spring Forks and the
Mudshields for the pro-
tection of the rider.*



*The "Motor Cycle" says
of these mudshields—"Is
not the Twin Sunbeam one
of the most handsome
machines on the road to-
day? The wide shields
give the finishing touch
in the way of luxurious
appearance, and if you
doubt their value try them
on the first wet day."*

Terms of Business

AS it will be some considerable time before business conditions become normal, it is a condition of all orders placed after the issue of this catalogue that they are accepted either by ourselves or by our Agents without liability, engagement, or responsibility for non-delivery, and that these conditions remain in force until further notice. The prices in this catalogue are liable to alteration from time to time as the makers may decide, and under no circumstances will orders be accepted except on the understanding that the price chargeable is the current price charged by the makers on the date of the delivery of the order.

Crates (not returnable) and packing 30s. extra.

All goods sent carriage forward at buyers' risk unless other instructions are given.

A book of instructions is sent out with each machine.

FOR GUARANTEE SEE COMPLETE CATALOGUE