

The A.J.S. 3.49 h.p. Lightweight Model SA 5.

SPECIFICATION

The A.J.S. 2.48 h.p. O.V.H. Two Port, Model SA 12.

Engine, A.J.S. Design and Manufacture. Single Cylinder. Overhead Valves. Entirely enclosed Rocker Gear and Push Rods. (65 × 75 m.m. Bore and Stroke, 248 c.c. capacity). Improved system of Mechanical Lubrication. Detachable Cylinder Head. Two-Port Exhaust. Aluminium Piston. Roller Bearings to Big End of Connecting Rod. Ball Bearing to Main Shafts.

Three-Speed Countershaft Gear, Ratios, 5.83, 9.02 and 16.05 to 1.

Clutch, Hand-controlled.

Footstarter, with enclosed operating mechanism.

Tyres, 25 in. × 3.00 in. Wired-on Avon Heavy Non-skid.

Hubs, Taper Roller Bearing.

Carburettor, Amal, with twist grip control.

Handlebars, New Type with Steering Damper.

Footrests, adjustable to any position.

Brakes, Internal Expanding Front and Rear, quick adjustable.

Transmission, All Chain (Hans Renold), ½ in. pitch, .305 in. width. Primary Drive enclosed. Rear Drive, the top half only is covered.

Shock Absorber, on Engine Shaft.

Rear Stand.

Magneto, Lucas.

Tools, complete kit.

Wheel Base, 51¼ in.

Petrol Tank, capacity 1¼ gallons.

Oil Tank, capacity 3½ pints.

Weight, complete with Maglita Set and full equipment 223¼ lbs. (30/- Tax)

Extra for Maglita Electric Lighting Set, as illustrated. Price Solo £5 : 0 : 0

Extra for Chromium and Black Tank, Price ... £1 : 0 : 0

Extra for Four-Speed Gear Box ... £1 : 7 : 6

PRICE - - £40 : 0 : 0

(We reserve the right to modify or deviate from the Specifications and Prices given in this Folder without notice).

SPECIFICATION

The A.J.S. 3.49 h.p. Lightweight, Model SA 5.

Engine, A.J.S. Design and Manufacture. Single Cylinder. Side-by-Side Valves. (74 × 81 m.m. Bore and Stroke, 349 c.c. Capacity). Improved system of Mechanical Lubrication. Aluminium Piston. Roller Bearings to Big End of Connecting Rod. Ball Bearing Main Shafts.

Three-Speed Countershaft Gear, Ratios, 5.8, 9.02 and 16.05 to 1.

Clutch, Hand-controlled.

Footstarter, with enclosed operating mechanism.

Tyres, 25 in. × 3.00 in. Wired-on Avon Heavy Non-skid.

Hubs, Taper Roller Bearing.

Carburettor, Amal, with Twist Grip Control.

Handlebars, New Type with Steering Damper.

Footrests, adjustable to any position.

Brakes, Internal Expanding Front and Rear, quick adjustable.

Transmission, All Chain (Hans Renold) ½ in. pitch, .305 in. width. Primary Drive enclosed. Rear Drive, the top half only is covered.

Shock Absorber, in Engine Shaft.

Rear Stand.

Magneto, Lucas.

Tools, complete kit.

Wheel Base, 51¼ in.

Petrol Tank, capacity 1¼ gallons.

Oil Tank, capacity 3½ pints.

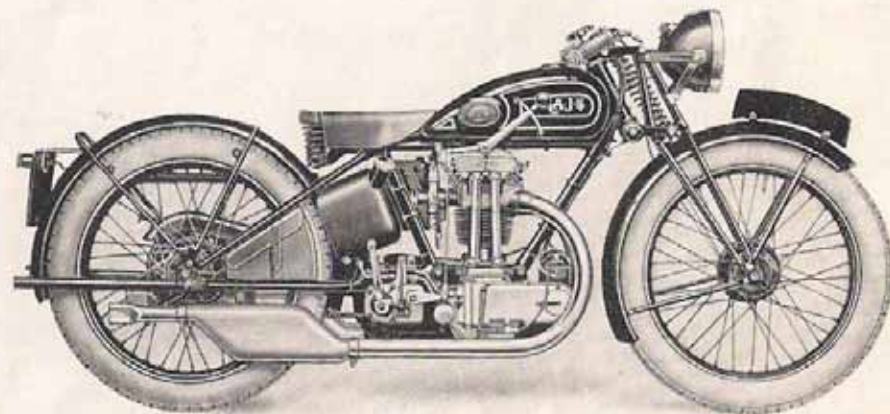
Weight, complete with Maglita Set and full equipment, 221 lbs. (30/- Tax)

Extra for Maglita Electric Lighting Set, as illustrated. Price Solo £5 : 0 : 0

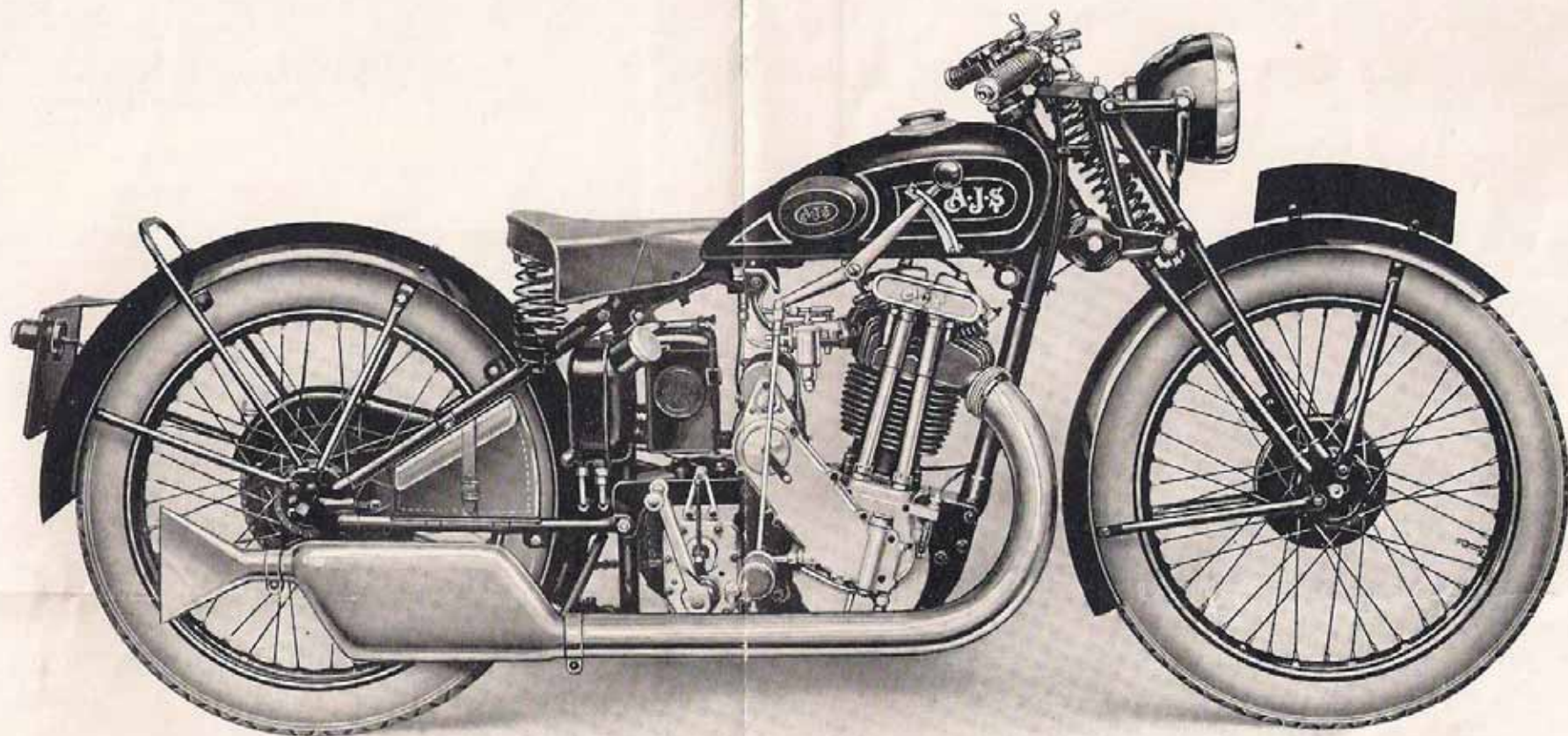
Extra for Chromium and Black Tank, Price ... £1 : 0 : 0

Extra for Four-Speed Gear Box ... £1 : 7 : 6

PRICE - - £40 : 0 : 0



The 2.48 h.p. Lightweight Model SA 12

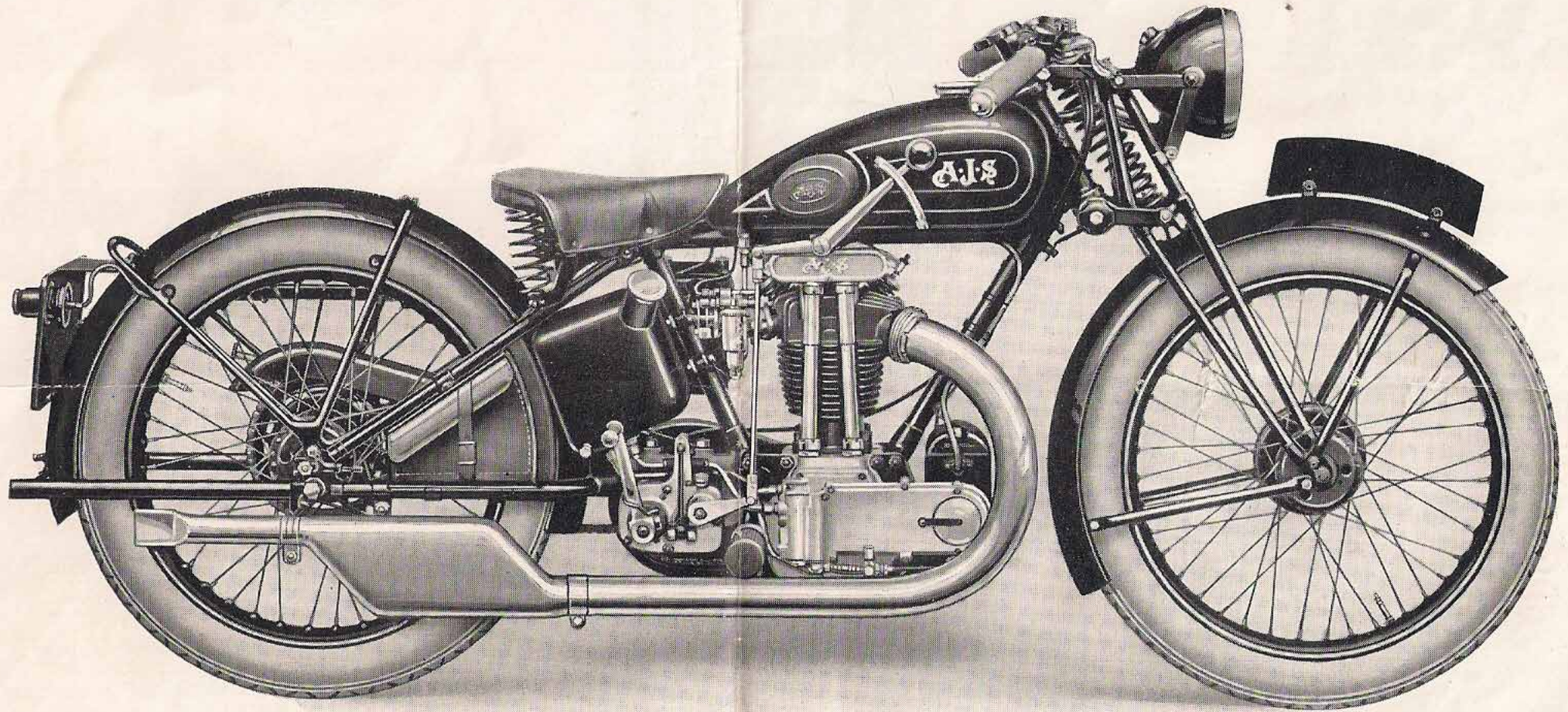


THE A.J.S. 4.98 H.P. O.H.V. "BIG PORT" MODEL SB8 £49:17:6

£12:9:6 deposit and 12 monthly payments of £3:8:7.

CO. (1914) LTD., WOLVERHAMPTON · ENGLAND

(seven lines). Telegrams: "Hopit, Wolverhampton." Codes: A.B.C. 5th & 6th Editions, Bentley's, Marconi International.



THE A.J.S. 3.49 H.P. O.H.V. "BIG PORT" MODEL SB6 £45

£11 : 5 : 0 deposit and 12 monthly payments of £3 : 2 : 1.

Maglita Electric Lighting Set, as illustrated, £5 extra.

Tax 30/-



S P E C I F I C A T I O N

**The A.J.S. 3.49 h.p. O.H.V. Big Port,
Model S B 6.**

Engine, A.J.S. Design and Manufacture. Single Cylinder. Over-head Valves. Enclosed Rocker Gear and Push Rods. (74 × 81 m.m. Bore and Stroke, 349 c.c. capacity). Improved system of Mechanical Lubrication. Detachable Cylinder Head. Big Port Exhaust. Aluminium Piston. Roller Bearings to Big End of Connecting Rod. Ball Bearing Main Shafts.

Three-Speed Countershaft Gear, Ratios, 5.30, 8.20 and 14.59 to 1.

Clutch, Hand-controlled.

Footstarter, with enclosed operating mechanism.

Tyres, 25 in. × 3 in. 4-Ply Wired-on Avon Heavy Non-skid.

Hubs, Taper Roller Bearing.

Carburettor, Bowden, with twist grip control.

Handlebars, New type, integral controls with Steering Damper.

Footrests, adjustable to any position.

Brakes, Internal Expanding Front and Rear, quick adjustable.

Transmission, All Chain (Hans Renold), ½ in. pitch, .305 width. Primary Drive enclosed. Rear Drive, the top half only is covered.

Shock Absorber, on Engine Shaft.

Saddle, adjustable.

Magneto, Lucas.

Rear Stand.

Tools, complete kit.

Wheel Base, 51¾ in.

Petrol Tank, capacity 1¾ gallons.

Oil Tank, capacity 3½ pints.

Weight, to standard specification, and when fitted with Maglita Lighting Set is under 224 lbs. (30/- tax). This weight does not include the tool box and tools, which must be removed when machine is weighed for taxation purposes.

Extra for Maglita Electric Lighting Set ... **£5 : 0 : 0**

Extra for Chromium and Black Tank ... **£1 : 0 : 0**

Extra for Four-Speed Gear Box ... **£1 : 7 : 6**

When fitted with Four-Speed Gear Box the weight is above the 30/- Tax.

SPECIFICATION

The A.J.S. 4.98 h.p. O.H.V. Big Port, Model S B 8.

Engine, A.J.S. Design and Manufacture. Inclined Single Cylinder. Overhead Valves. Enclosed Rocker Gear and Push Rods. (84 × 90 m.m. Bore and Stroke, 498 c.c. capacity). Improved system of Mechanical Lubrication. Detachable Cylinder Head. Big Port Exhaust. Aluminium Piston. Roller Bearings to Big End of Connecting Rod. Ball Bearing Main Shafts. **Frame,** Semi-cradle, with Duplex Chainstays. **Three-Speed Countershaft Gear, Ratios,** ~~4.38, 6.64, 13.00~~ 5.07, 7.43 and 13.52 to 1. **Clutch,** Hand-controlled. **Footstarter,** with enclosed operating mechanism. **Rear Wheel,** A.J.S. Patent Quick Detachable. **Tyres,** 26 in. × 3 in. Wired-on Avon Heavy Non-skid. **Rear Mudguard,** Hinged. **Hubs,** Taper Roller Bearing. **Carburettor,** Bowden, with twist grip control. **Handlebars,** New Type, integral controls with Steering Damper. **Footrests,** adjustable to any position. **Brakes,** Internal Expanding Front and Rear, quick adjustable. **Transmission,** All Chain (Hans Renold). Front and Rear, $\frac{1}{2}$ in. pitch, .305 in. width. Primary Drive enclosed. Rear Drive, the top half only is covered. **Shock Absorber,** on Engine Shaft. **Saddle,** adjustable. **Magneto,** Lucas, mounted behind Engine. **Stand,** Central, Spring-up. **Tools,** complete kit. **Wheel Base,** 54 $\frac{3}{4}$ in. **Petrol Tank,** capacity 2 gallons. **Oil Tank,** capacity 4 $\frac{1}{2}$ pints. **Weight,** to standard specification, 291 lbs.

Extra for Lucas Magdyno Electric Lighting Set with Instrument Panel containing Ammeter, Clock, Speedometer, Switches, and concealed Panel Lights,

Price Solo	...	£ 9 : 10 : 0
Price Combination		£10 : 0 : 0

Extra for Lucas Magdyno Electric Lighting Set,

Price Solo	...	£5 : 10 : 0
Price Combination		£6 : 0 : 0

Extra for Chromium and Black Tank £1 : 0 : 0

Extra for Four-Speed Gear Box £1 : 10 : 0

A.J. STEVENS & CO. (19

Telephone : 173 (seven lines).

The following is the complete A.J.S. Range for 1931.

Model	Description	Price
S2	9.96 h.p. Twin Cylinder Machine ...	£ 63 0 0
S4	3.99 h.p. De Luxe Side Valve Machine ...	44 10 0
SA4	3.49 h.p. De Luxe Side Valve Machine ...	44 10 0
S5	3.49 h.p. Standard Side Valve Machine ...	40 0 0
SA5	3.49 h.p. Standard Side Valve Machine (30/- Tax) ...	40 0 0
S6	3.49 h.p. Overhead Valve Machine ...	53 10 0
SB6	3.49 h.p. Overhead Valve Machine (Big Port, 30/- Tax) ...	45 0 0
S7	3.46 h.p. Overhead Camshaft Machine ...	80 0 0
S8	4.98 h.p. Overhead Valve Machine ...	59 10 0
SB8	4.98 h.p. Overhead Valve Machine (Big Port)	49 17 6
S9L	4.98 h.p. De Luxe Side Valve Machine ...	49 0 0
S9H	4.98 h.p. De Luxe Side Valve Machine ...	52 10 0
S10	4.95 Overhead Camshaft Machine ...	90 0 0
S12	2.48 Overhead Valve Machine ...	40 0 0
SA12	2.49 Overhead Valve Machine (30/- Tax) ...	40 0 0

*All A.J.S. Motor Cycles are outstanding for the
following qualities :—*

**FLEXIBILITY, RELIABILITY,
ECONOMY, SILENCE, POWER,
APPEARANCE and COMFORT.**

INTRODUCTORY



WITH the additional models shown in this folder the A.J.S. 1931 range of Motor Cycles is now complete, and affords a selection which provides a mount to suit all classes of riders at prices within the reach of all pockets.

Whatever your requirements you will find a model in the A.J.S. range to meet them, from the 2.48 h.p. Lightweight models to the 9.96 h.p. Big Twin, and whichever model is your choice you can depend on having the highest possible quality and performance at the lowest possible price.

Study the complete catalogue and this folder at your leisure and compare prices and specifications.