

A. J. S.

2 $\frac{3}{4}$ H.P.

Motor Cycles

**3-SPEED COUNTERSHAFT GEAR
ALL-CHAIN DRIVE.**

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MANUFACTURED BY

A. J. STEVENS & CO. (1914) Ltd.,

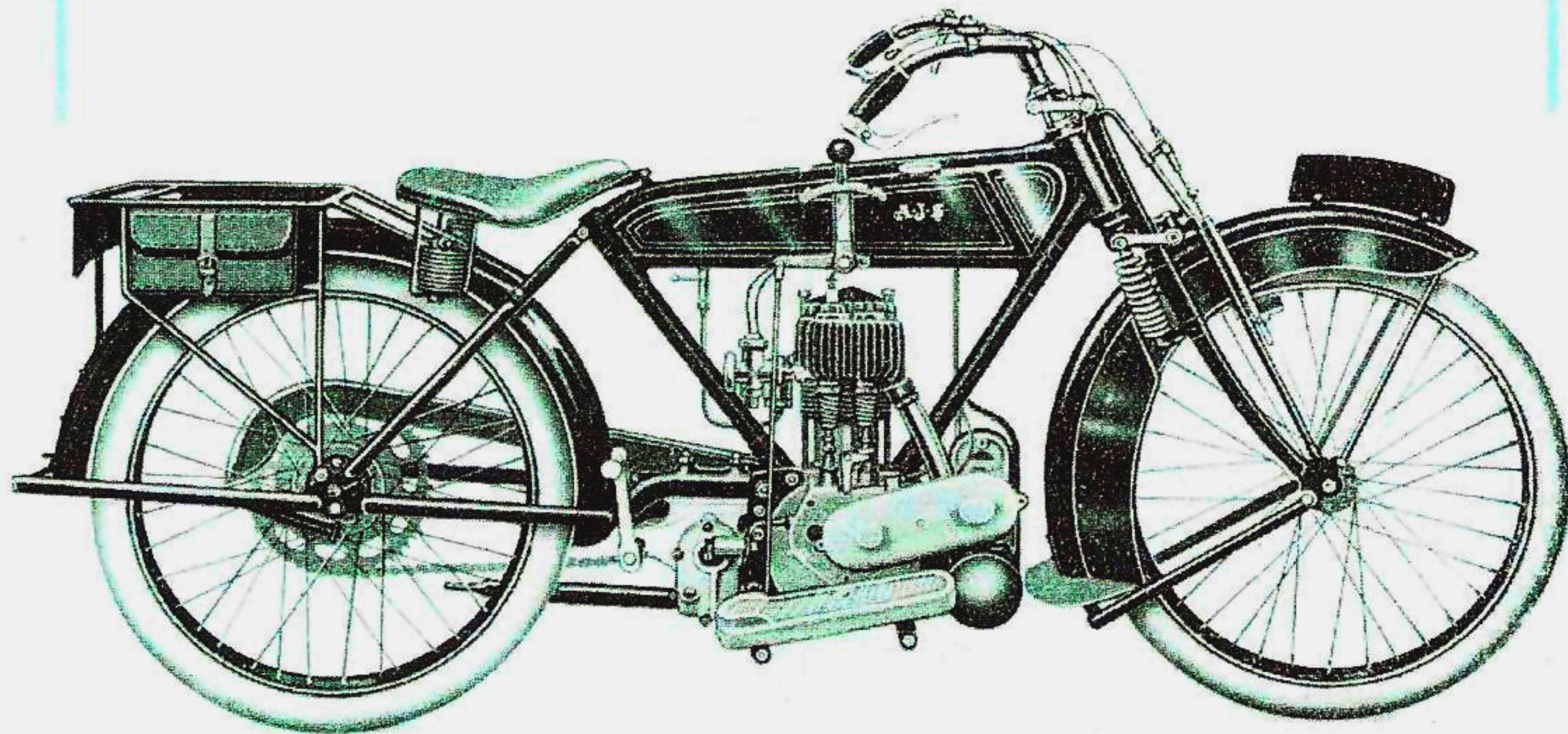
GRAISELEY HOUSE,

WOLVERHAMPTON.

PRELIMINARY LIST.

March, 1921.

A.J.S.



$2\frac{3}{4}$ h.p.

A.J.S.

**Three-Speed
Countershaft Gear.
All-Chain Drive.
Clutch & Kick-Starter
Quick Detachable
Rear Wheel.
Internal Expanding
Rear Brake.**

IN again placing the $2\frac{3}{4}$ h.p. A.J.S. on the market we know we are meeting with the hearty approval of the trade and public alike. It is now four years since we discontinued the manufacture of this model on account of War-time production difficulties. During this period the demand for its reinstatement was most insistent.

The 1921 $2\frac{3}{4}$ h.p. machine is an entirely new model, which embodies the very latest improvements in design and manufacture, gained by us from recent experience on road and track.

The new model still retains all those exclusive features which made the earlier lightweight A.J.S. so popular. It will therefore make a strong appeal to the rider who desires a handy, comfortable, go-anywhere machine, capable of hard work and unfailing service.

To the rider also who requires a good turn of speed when desired, it will prove attractive, for the machine has received special attention in this direction, the build being "racy" and the saddle position low, affording comfort and stability at speed.

This model has not been built to a price or a weight, but to an ideal, and the result will, we feel sure, add to the reputation of the A.J.S. productions.

2 $\frac{3}{4}$ h.p. 3-Speed Solo Machine. Model B.

Specification :

ENGINE.	Single Cylinder (74 × 81 m.m. 349 c.c.), fitted with detachable head. Roller bearing big end. Very efficient cooling.
CARBURETTER.	AMAC. two-lever.
FRAME.	Scientifically constructed. Lightness with Strength.
TANK.	Improved design. 1 $\frac{1}{2}$ gallons. 1 quart oil.
LUBRICATION.	Semi-automatic to main bearings.
IGNITION.	Thomson Bennett Magneto.
CHAINS.	Hans Renold $\frac{5}{8}$ in. pitch × $\frac{1}{4}$ in. wide. The chains are efficiently protected. A shock absorber is fitted to the engine shaft.
GEAR BOX.	Three-speed bottom Bracket, operated by our patent gate change lever. Ratios 5, 7 $\frac{1}{2}$ and 12 to 1.
CLUTCH.	Hand controlled. Cork inserts.
MUDGUARDS.	Special design of front guard, affording excellent protection.
FORKS.	Druid.
WHEELS.	Rear A.J.S. patent quick detachable.
BRAKES.	Back wheel internal expanding type. Operated by foot pedal on left hand side of machine. Front, Bowden pattern by lever on handle bar.
FOOTBOARDS.	New design of solid rubber.
STANDS.	Fitted to front and back wheels.
CARRIER.	Built of steel tubing with flush joints.
TOOL CASES.	Two pannier bags, with kit of tools
TYRES.	26 × 2 $\frac{1}{4}$ in. heavy rubber studded.
FINISH.	Finest black enamel, four coats, on our special rust preventative process, including the handle bars. Only a few parts are nickel-plated.
MEASUREMENTS.	Wheel base 4 ft. 5 $\frac{1}{2}$ ins. Height of saddle from ground, 29 inches. Ground clearance, 5 in. Weight 212 lbs.

Price 100 Guineas.

(We reserve the right to deviate from the above Specifications and Prices without notice.)

LIST OF SUCCESSES Gained by
2 $\frac{3}{4}$ h.p. A.J.S. Motor Cycles
in Competition during 1920.

Winner Junior Tourist Trophy, I.O.M.

1914

(Second Successive Victory.)

1920

FIRST MOTOR CYCLE IN THE WORLD of 350 C.C.
to officially attain the speed of 80 m.p.h.

(This was accomplished by Mr. H. R. DAVIES at Brooklands on Oct. 19th, 1920,
over the Flying Kilo.)

The 2 $\frac{3}{4}$ h.p. A.J.S. also holds the following Records:

4 INTERNATIONAL RECORDS.

8 CLASS RECORDS.

And was awarded in 1920:

3 CHALLENGE CUPS.

46 GOLD MEDALS.

18 SILVER MEDALS.

19 BRONZE MEDALS.

70 FIRST PLACES.

42 SECOND PLACES.

16 THIRD PLACES.

FOR SPEED.  ABSOLUTE
HILL CLIMBING. RELIABILITY.

STANDS PRE-EMINENT.