

**A. J. S.**

**4.98 h.p. Overhead Valve Racing  
Machine - - - Model H. 10**

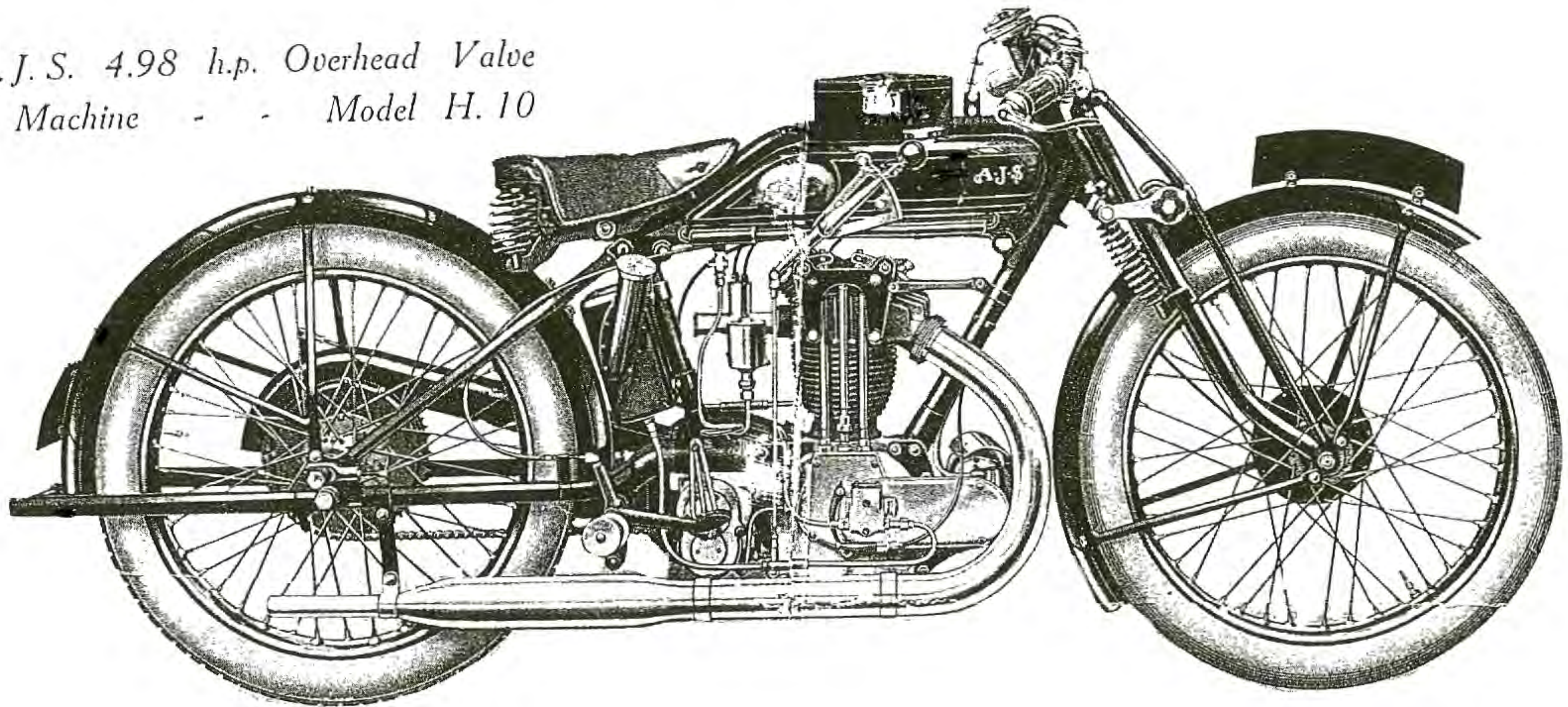
**AND**

**3.49 h.p. Overhead Valve Racing  
Machine - - - Model H. 7**

**Motor Cycles**

# A.J.S.

The A.J.S. 4.98 h.p. Overhead Valve  
Racing Machine - - Model H. 10



## Specification.

**ENGINE.** Single Cylinder (84×90 m.m. Bore and Stroke, 498 c.c. capacity). Fitted with Specially Designed Detachable Cylinder Head. Cylinder and Head heavily Ribbed, giving most efficient cooling. Large Exhaust and Inlet Ports. Straight-through. Large Diameter Exhaust Pipe. Roller Bearing to Big End and Main Shafts. Ball Bearing Timing Shafts. Aluminium Piston, High Lift Cams, Overlap Valve Timing. The Engine is designed throughout for high-speed work. The low compression piston is fitted as standard for use with petrol and benzol, the high compression piston sent as spare, for use with alcoholic fuel.

**CARBURETTOR.** Special Binks Two-Jet racing type.

**FRAME.** Improved Design. Scientifically constructed, gives a very low riding position.

**TANK.** Improved Design. 2 Gallons of Petrol.

**LUBRICATION.** Mechanical Oil Pump with sight feed, supplied from separate compartment fitted to rear down tube. An auxiliary pump is also provided, which is operated by foot pedal on right-hand side of the machine.

**IGNITION.** Lucas Magneto, handlebar controlled.

**CHAIN.** Hans Renold, Extra Strong,  $\frac{1}{2}$  in. pitch ×  $\frac{3}{16}$  in. wide. A Shock Absorber is fitted to the Engine Shaft.

**CHAIN GUARDS.** Semi-enclosed type, giving easy access to Transmission and Clutch.

**GEAR BOX.** A.J.S. Countershaft Three-Speed Gear, fitted throughout with Ball Bearings. Gear Change by Foot Pedal. Ratios 41, 51 and 81 to 1.

**CLUTCH.** Multiple Plate Type with Cork Inserts. Improved Operating Mechanism. Hand Controlled.

**REAR WHEEL.** Fitted with Specially Light Hub, Aluminium Alloy Chain Sprocket. Steel Brake Drum.

**TYRES.** Dunlop Cord Wired-on. 27 in. × 2.75. Back Studded. Front Ribbed.

**MUDGUARDS.** Narrow Racing Type.

**BRAKES.** Front and Rear Internal Expanding. Extremely Powerful and smooth acting. Rear operated by pedal on left-hand footrest. Front by lever on left handlebar.

**FORKS.** A.J.S. Design and Make. Links adjustable for taking up side play. Lower fitted with Shock Absorbers.

**TOOL CASE.** Fitted on top of Tank.

**SADDLE.** Terry "Spring Seat."

**HANDLEBARS.** T.T. Pattern, fitted with Steering Damper.

**FOOTRESTS.** Attached to Special Bracket. Adjustable, allowing the rider to procure the most suitable riding position.

**STAND.** Fitted to Rear Wheel only.

**MEASUREMENTS.**

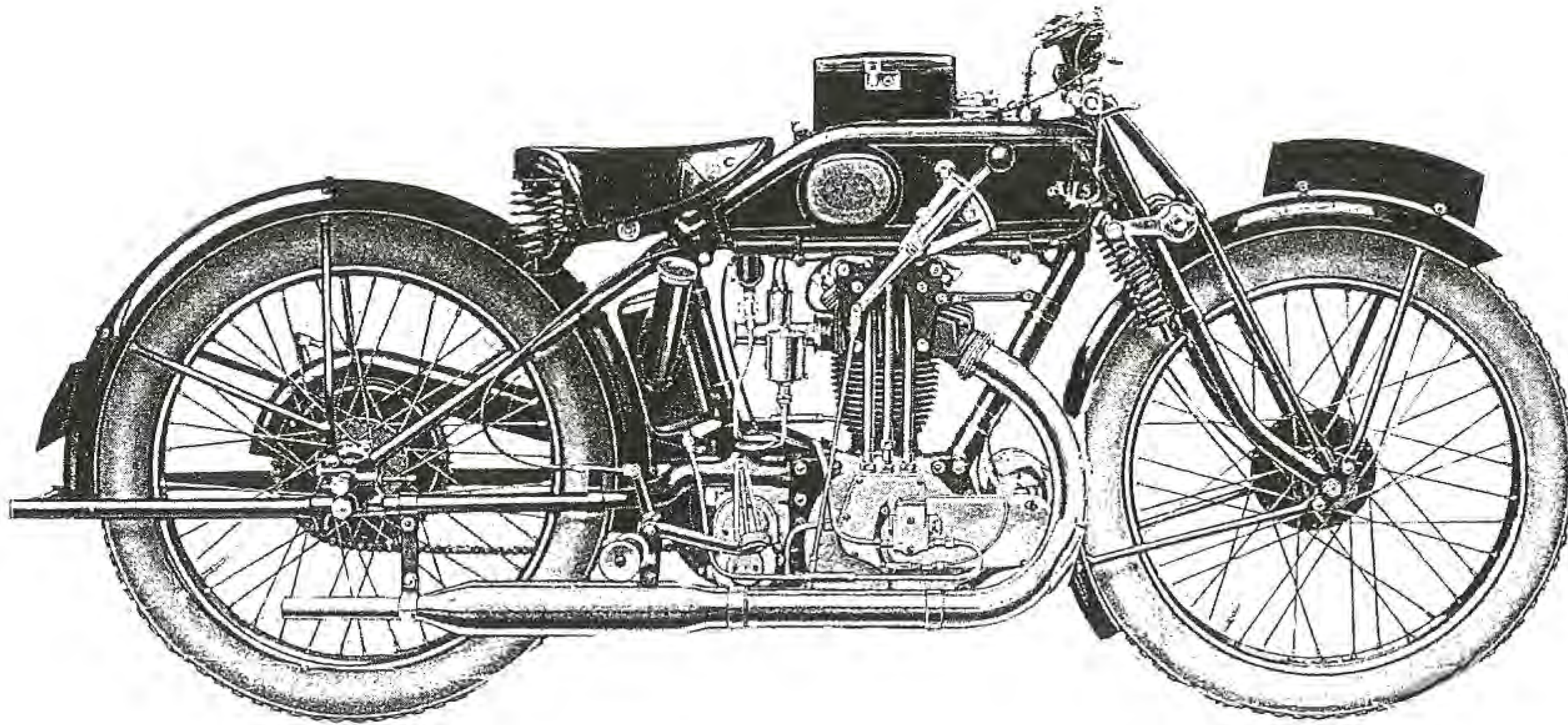
Wheel Base, 4 ft. 5 in.

Height of Saddle, 29½ in.

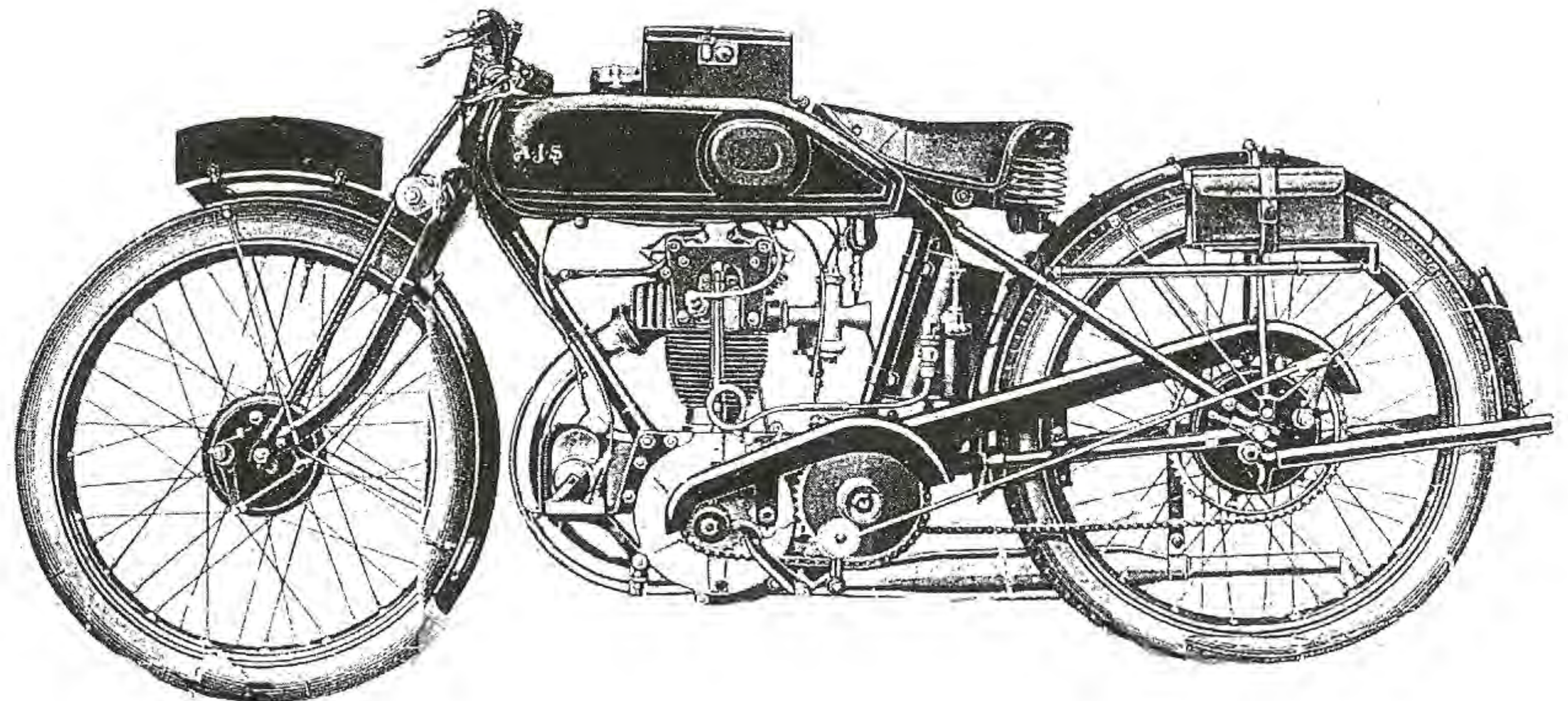
**WEIGHT.** 250 lbs.

(We reserve the right to modify or deviate from the above Specification without notice.)

# A.J.S



This Illustration shows the Model H.10 with large T.T. Type Tank, which can be had if specially ordered. This Tank holds approximately  $3\frac{1}{2}$  galls. of Petrol



Model H.7 with large T.T. Tank and separate oil compartment. This Type can be supplied if specially ordered. Petrol capacity approximately  $3\frac{1}{2}$  galls.