

A.J.S.

MODELS 16M & 18

1949

Specification

ENGINE

Capacity	Bore	Stroke
347 c.c.	69 m.m.	93 m.m.
498 c.c.	82.5 m.m.	93 m.m.

Pushrod operated O.H.V. Hairpin valve springs. Dry sump lubrication. Magneto ignition. Amal carburettor. Three-row caged roller big end bearing. Engine shaft cam type shock absorber. Large capacity oil pump.

GEARBOX

Four-speed oil-lubricated with multi-plate clutch. Positive stop foot gear change.

FRAME

Heavy gauge Duplex cradle with front, rear and centre prop stands. Sidecar lugs integral.

FORKS

Telescopic hydraulically damped Teledraulics, with integral headlamp brackets.

TANKS

Welded steel. 3 gallons petrol—4 pints oil. Hand lined in gold.

BRAKES

7½" dia. with cast brakedrums and water excluders.

SADDLE

Large spring seat with ample front and rear adjustment. Chromium plated springs.

WHEELS

Model 16M - 3.25" x 19" Front and Rear.
Model 18 - 3.25" x 19" Front.
3.50" x 19" Rear.

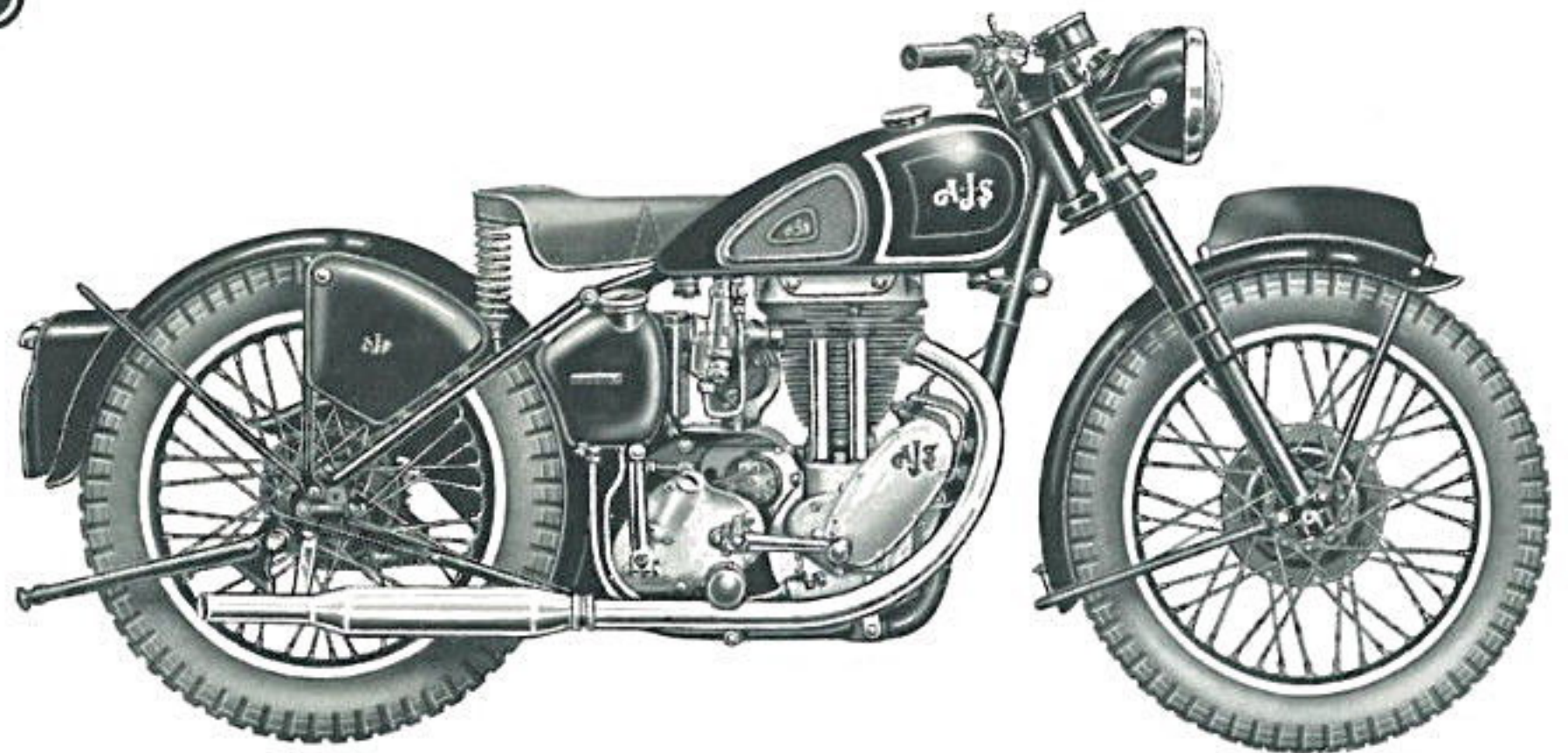
Adjustable taper roller bearings.

ELECTRICAL EQUIPMENT

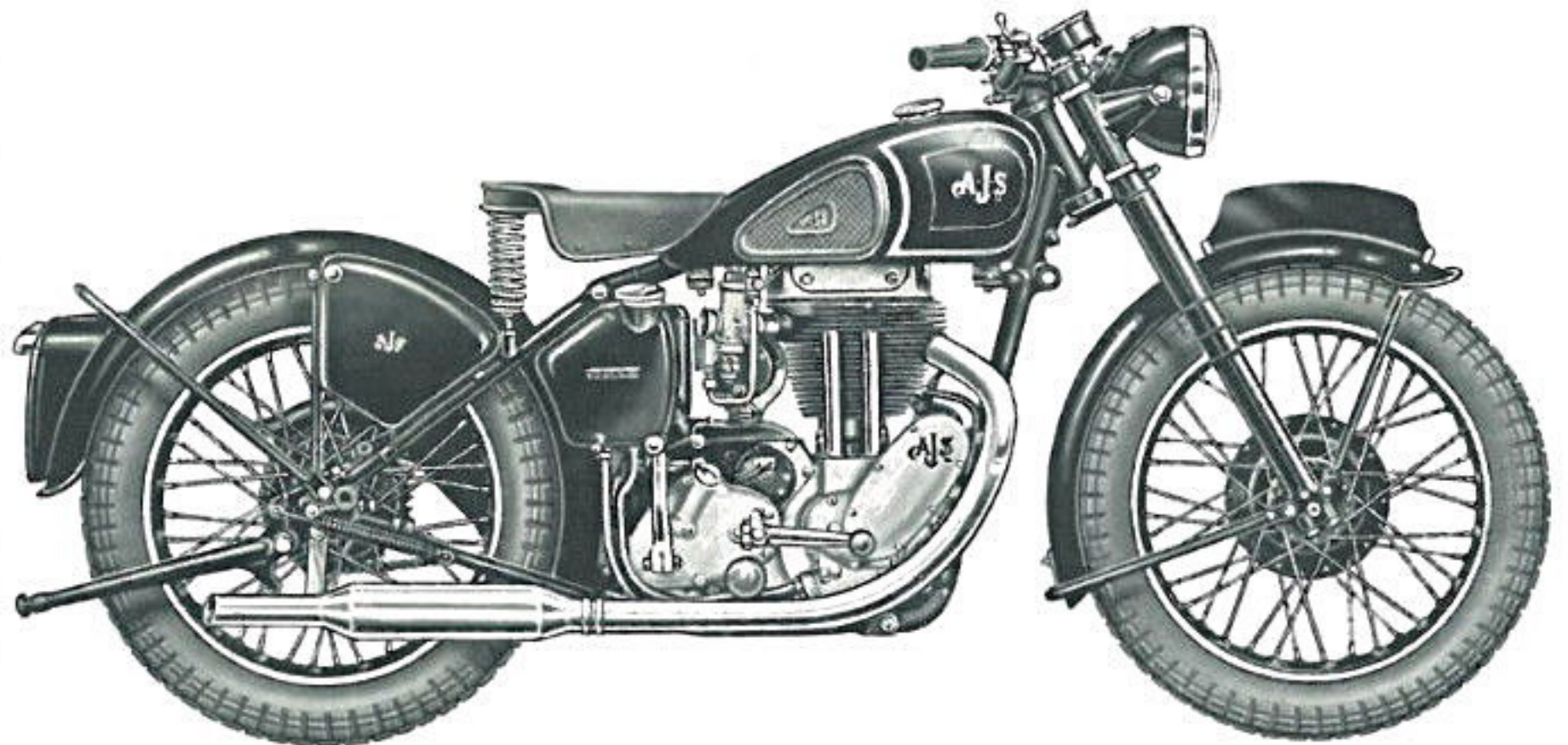
Chain-driven separate dynamo. 8" headlamp. New type rear light and electric horn. Constant voltage control.

EQUIPMENT

Comprehensive set of tools, grease gun, tyre pump and Instruction Manual.



MODEL 16 M. 347 c.c. O.H.V.



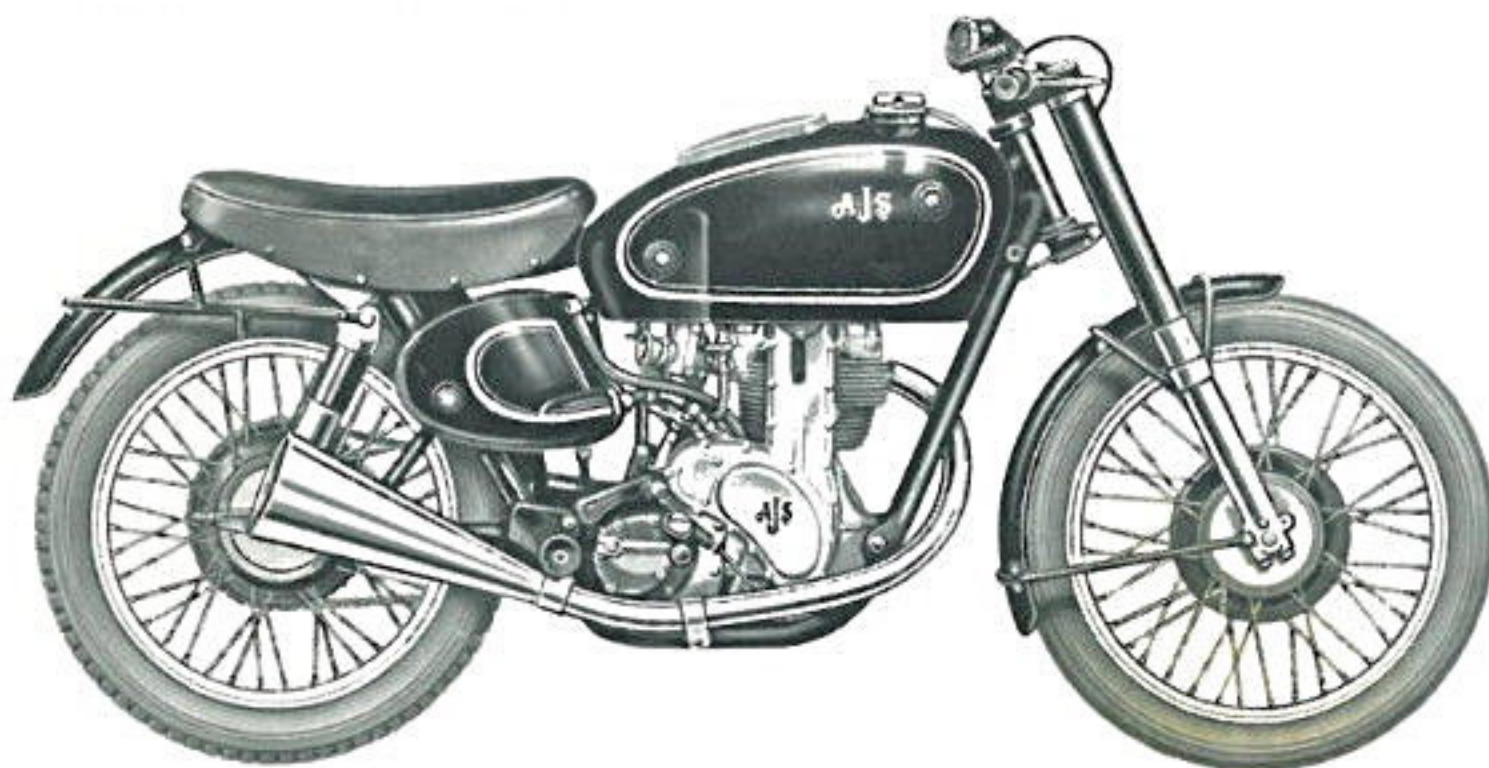
MODEL 18. 498 c.c. O.H.V.

COMPETITION MODELS

Space does not permit an illustration of the 350 c.c. and 500 c.c. Competition Models, but these will be continued for 1949 with many improvements.

Winners of the 1947 and 1948 Scottish Six Days' Trial.

All prices and specifications are subject to alteration without notice, and all motor cycles and equipment are sold subject to the limited guarantee printed herein.



MODEL 7 R 348 c.c. O.H.C.

The MODEL 7R

Introduced with the object of providing a racing machine capable of performing with distinction in events of International importance, the Model 7R has had a brilliant first season. In addition to a number of major successes, 10 of the 20 Replicas awarded in the 1948 Junior T.T. were won by A.J.S. riders, and the 4th place in the Senior T.T. was obtained by a private owner of a Model 7R competing in his second I.O.M. T.T. in one week.

348 c.c. O.H.C. Engine, 74 m.m. bore, 81 m.m. stroke. Welded Duplex cradle frame with Teledraulic front and rear suspension. Double leading shoe brakes. L.A. cylinder head, fuel and oil tanks, magnesium crankcase, timing case and brake drums.

A.J.S. MOTORCYCLE

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PLUMSTEAD ROAD

LONDON, S.E.18

Telegrams: "ICANHOPIT, WOL, LONDON."