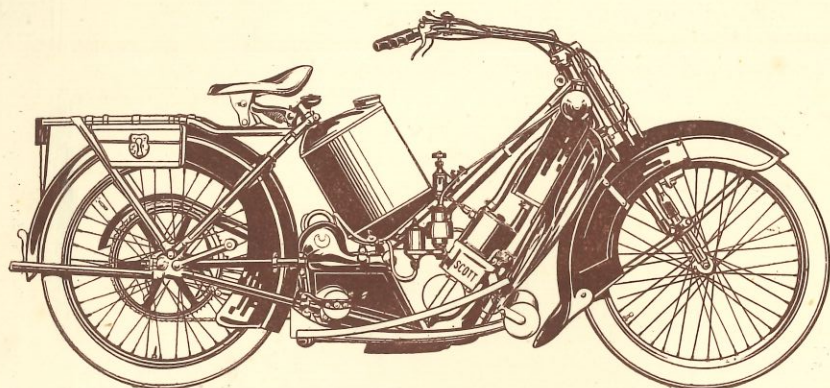


1921

*The different
Motor Cycle*



THE DIFFERENT
MOTOR CYCLE.

PRICE: Solo £130 0 0 Combination £170 0 0

WHY the Scott is of interest to YOU:-

BECAUSE of its supreme comfort and smooth even running.

BECAUSE of its reliability proved times without number in official and International Trials.

BECAUSE the Scott Service is as near perfection as it can be, and the firm behind the machine is sparing no efforts to improve it.

The Scott Motor Cycle Co. Ltd.

Telephone, No. 337 Shipley
Telegrams, "Twin, Shipley"

Saltaire, Yorkshire.

SPECIFICATION.

ENGINE.—3½ h.p. Scott, two-stroke Twin cyl., water-cooled. Roller bearings throughout, all parts in "constant thrust," central outside flywheel. Bore 2½ in., stroke 2½ in., capacity 32.45 cu. in. (532.5cc.).

RADIATOR.—Immensely strong and efficient, improved Honeycomb type Thermo syphon.

CARBURETTOR.—A.M.A.C. two lever.

LUBRICATION.—Mechanically operated by engine and automatic in action. Adjustable sight-feed oil control.

TWO-SPEED GEAR AND FREE ENGINE.—"Scott" foot operated, frictionless expanding ring clutches. No gear wheels. All steel case hardened and ground to limit gauge, thus avoiding wear and renewals, ball bearings throughout. Driving sprockets removable without disturbing gear.

FRAME.—"Scott" girder principle, immensely strong and rigid, all straight tubes, providing open frame with low centre of gravity designed to meet the strains of a motor bicycle, not an adaptation of a pedal cycle frame.

SIDEWINGS.—Affording complete protection to the legs and feet, enamelled and lined.

SIDE-CAR LUGS.—Four point attachment. Incorporated with frame, and seat tie lug, cast with seat lug.

FORKS.—"Scott" spring forks, vertical movement only, no side play, compound springs and working parts entirely covered in and protected from dust and mud, made with taper gauge fork blades to stand the strains of side-car use.

STARTING LEVER FITTED NEAR BACK AXLE, ALL READY FOR USE.—The ideal method (see Motor Press), much easier and safer than hand starting; simply requires smart push with the foot when seated on the saddle—the original kick starter.

TRANSMISSION.—Central Drive, by Hans Renold, heavy type, ½ in. pitch chains, silent, effective and reliable.

SADDLE.—Special XL-all.

TYRES.—Palmer, cord, 26 in. × 2½ in., back and front, or 26 in. × 3 in. as extra (Recommended).

CARRIER AND STANDS.—Very strong oval tube "one-piece" carrier, with kick "operated" strong back wheel stand and front wheel stand, fitted under crank-case.

CONTROL.—Handlebar, throttle and extra air on right hand, concealed fixings.

HALF COMPRESSION.—Obtained by the lever fitted to left-hand bar, working in conjunction with magneto cut-out (serving similar purpose as the ordinary valve lifter).

BRAKES.—Bowden heavy pattern front rim brake. Footbrake actuating on large wheel drum. Both very efficient.

WHEELS.—10 gauge spokes back wheel, 12 gauge front. 26 in × 2½ in. "standardised" rims. ½ in. back axle.

MUDGUARDS.—Substantial 5½ in. guards with large mud flap and pressed side wings. Improved back chain guard. Front extension (combined with No. plate).

GEAR SHIELDS.—Pressed metal shields fitted to each side, completely enclosing gear and chains.

UNDERSHIELD.—Metal spring clip (immediately detachable), fitting under engine chains and countershaft and engine.

FOOTBOARDS.—Luxuriously sprung on compound strings, rubber stud matting and substantial aluminium edge beading, instantly detachable.

IGNITION.—By weather-proof high-tension Magneto, placed in sheltered position.

PETROL.—Capacity 2 gallons, oval tank (no square corners).

OIL.—Capacity 1 quart, sufficient for 300 miles, held in frame tubes.

TOOL BAGS.—Twin pannier bags, fixed to carrier fitted with spring locks and keys.

TOOL OUTFIT.—In substantial Leather Tool Roll.

FINISH.—Finest black enamel, Plated Radiator, Tank artistically covered, Handlebars plated.

WE RESERVE THE RIGHT TO DEVIATE IN MINOR PARTICULARS FROM THIS SPECIFICATION.

Every machine is subjected to a severe road test of 20 miles, over a course including 1 in 4 gradient, and every engine is subjected to a three hours' test on the testing bed, and a certificate of its performance is sent out with the machine.

Delivery.—F.O.R., Shipley, Yorkshire.

Packing Cases and Crates extra and not returnable.

USEFUL PARTICULARS OF THE 3¼ h.p. "SCOTT."

DIMENSIONS.—Engine, 2.875 in. (73 mm.) Bore; 2.5 in. (63.5 mm.) Stroke. 32.45 cu. in. capacity (532.5 c.c.).

Wheelbase, 4 ft. 5½ in.
Overall Length, 6 ft. 11 in.
Width, 19 in. over Footboards.
20 in. Std. Handlebars.
Height of Saddle, from Ground, 29 in. to 30 in.
Engine Clearance, 5 in.
Tyres, 26 in. dia., 2.5 in. wide, or 26 in. × 3 in. extra.
Mudguards, Rear 5½ in. Front 4½ in. wide.
Chains, Engine, ½ in. pitch, ⅜ in. width "heavy." Back driving chain, ½ in. pitch, ¼ in. width "heavy." Magneto, ½ in. pitch, ⅜ in. width "light."
Wheels, 10 gauge spokes back wheel, 12 gauge front. 26 × 2½ in. "standardized" rims. ½ in. back axle.

WEIGHTS.—Engine and Carburettor, 57 lbs.
Total Amount of Water, 6 lbs.
Two-Speed Gear with foot pedal, 11½ lbs.
Total Weight, 230 lbs. Std. Machine

CONSUMPTION.—Petrol, 60 to 70 miles per gallon solo.
50 to 60 " " side car and passenger.
Oil, 300 miles per quart.

POWER.—Climb 1 in 4 gradient, solo.
" 1 in 5 " with side car and passenger, 140 lbs.

SPEED.—Maximum. 55 miles per hour, solo.
40 " " with side car and passenger.
Minimum. 4 miles per hour on low gear } without slipping
10 " " high " } clutch.

SPEED OF ENGINE. With Gear, 4 to 1.—
At 10 miles per hour, 538 revolutions per minute.
" 15 " " 807 " "
" 25 " " 1386 " "
" 35 " " 1883 " "
" 45 " " 2420 " "
" 55 " " 2961 " "

GEAR RATIOS.—
Stand Solo. Back wheel sprocket 75T
Driving sprocket 22T
H.G. 4.26. L.G. 7.84.
Stand Combination. Back wheel sprocket 75T
Driving sprocket 20T
H.G. 4.68. L.G. 8.62.
Solo. (Sports model). Back wheel sprocket 66T
Driving sprocket 22T
H.G. 3.75. L.G. 6.90.
Combination (Hilly Districts). Back wheel sprocket 75T
Driving sprocket 19T
H.G. 4.93. L.G. 9.08.

CHAIN WHEELS.—
On Engine, 20T. sprockets. } ⅜ in. width.
" Countershaft, 25 T. and 46 T. }
On Countershaft, 19 T., 20T. or 22T. } ½ in. width.
" Back Wheel, 75T. or 66T. }
On Countershaft, 20T. } ⅜ in. width.
" Magneto, 16T. }

STANDARD CHAIN LENGTHS.—
Starting Gear .. 19 links }
Magneto .. 44 " endless } ⅜ in. width "light."
H.G. .. 66 " }
L.G. .. 77 " } ⅜ in. width "heavy."
Driving .. 123 " } ½ in. width "heavy."

Orders will be accepted on the understanding that machine will be paid for at prices ruling at date of delivery and not prices at time of order.

EXTRA FITMENTS.

3" PALMER TYRES £4 18 8 each extra.
ACETYLENE LIGHTING SETS (Lucas)
Headlamp £4 17 6
Rearlamp 14 0
Sidecar Lamp 1 8 6

ELECTRIC MAGDYNO LIGHTING SETS (Lucas)
Solo Set, complete £27 0 0
Combination Set, complete .. 28 10 0
Lucas No. 60 Horn 1 7 6
Bonnixsen Speedometer 6 16 6

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