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THE UNAPPROACHABLE

Norton Dominator

THE WORLD'S BEST ROAD HOLDER

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Enter now the No

MODEL 7. THE DOMINATOR.

The NORTON Twin is introduced to the public as a leader of multi cylinder contemporary design.

It has already earned its reputation. Designed on the basis of experience it has been tried and proved under the most exacting conditions, and is a

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It has already earned its reputation. Designed on the basis of experience it has been tried and proved under the most exacting conditions, and is a conception of several years of research and development. No other machine offered to the public embodies such a large number of unique features.

Its road-holding qualities and its smooth urging power are to be experienced to be appreciated. It is a worthy addition to the unapproachable range of machines.

PETROL TANK. Entirely new registered design, combining a shapely contour to fit the rider. Large capacity but narrow riding position, with built-in oil gauge and shapely resilient knee-grips. Handsomely finished in heavy chrome with suitable panelling. Capacity 3¾ gall.

OIL TANK. Entirely new type of improved lines. Capacity 7 pints.

SADDLE. Large flexible top, forward pivotal mounting and adjustable for height, giving low and exceptionally comfortable riding position.

FRONT CHAINCASE. Fully patented (Patent No. 406599) NORTON design with single bolt fixing, hermetically sealed.

CLUTCH. Multi-plate with special "Ferodo" inserts. Dual action vane type shock absorber.

GEARBOX. Entirely new four speed design with novel short movement, positive stop foot change mechanism. The whole mechanism is completely enclosed with accessible adjustment points. An extremely handsome gear-box, Patent No. 424154.

STAND. Central prop stand fitted.

SILENCERS. Pleasing in appearance, heavily chrome-plated, giving a remarkable degree of silence without excessive loss of power.

HANDLEBARS. Of clean design and adjustable for rake.

PILLION FOOTREST lugs built-in for attachment of NORTON pillion footrests.

MUDGUARDS. Entirely new contour with handsome, generous section, affording excellent weather protection. Rear mudguard instantly detachable from seat stays with concealed stay fitting points enabling the utmost cleanliness to be achieved.

ENGINE.
The NORTON Parallel Twin Engine, Prov. Patent Nos. 20200/47, 20201/47, 20202/47, has a bore and stroke of 66 m/m x 73 m/m, capacity 499 c.c.

Fully patented cylinder head and valve operation, totally enclosed and positively lubricated. This layout provides an unusually efficient inlet port, enabling cooling air to pass between inlet and exhaust valves in addition to the spaces between the combustion chambers. Cylinder head and rocker chamber are cast integral, eliminating unnecessary joints. Geometrically correct fixed centre chain drive to single high-camshaft, with built-in adequately ported mechanical breather. Toughened alloy steel crankshaft of utmost rigidity, mounted on generous ball and roller journal bearings. Dry sump lubrication system with valveless gear pump, and massive foolproof pressure relief valve, totally eliminating cylinder lubrication bias. Patented hollow car-type semi-barrel cast iron tappets of unique design, operating direct in cylinder with chilled glass-hard rubbing surface, eliminating all noise and wear. Push rods operating inside cast-in cavities and the rocker gear oil drains are built-in, thus eliminating all potentially leaky joints.

The R.R. 56 light alloy forged connecting rods and caps are of immense stiffness and have steel backed micro-babbit bearings which are easily replaced when necessary. Automatic advance magneto with extremely silent chain drive and separate 45-watt output dynamo, with silent fibre gear drive of generous proportions and with built-in slipping clutch. AMAL needle jet carburettor, semi-automatic with twist-grip control.

SPECIFICATION:

Stroke 72.6 m/m)
Bore 66 m/m) Capacity 497 c.c.

Compression ratio 6¾

Gear Ratios: SOLO

Top	5.00
Third	6.05
Second	8.85
Bottom	14.9

Primary Chain: Renold ½in. pitch x .305in. wide.
Rear Chain: Renold ⅜in. pitch x .25in. wide.
Brake dimension: Front and Rear 7in. x 1¼in
TYRES: Front, 3.00 x 21 Dunlop Ribbed. Rear, 3.50 x 19 Dunlop triple stud.
PETROL TANK CAPACITY 3¾ gall. OIL TANK CAPACITY 7 pints.

FRAME of immensely rigid cradle construction, built with high tensile steel tube with graduated section lugs. The famous NORTON rear sprung suspension is fitted standard.

FORKS. Fully patented "Road-Holder" telescopic design (Patent No. 557982) hydraulically damped and automatically lubricated. This fork has been tried and proved in the most strenuous International Road Races over many years.

WHEELS. Brakes of exceptional power and smoothness with journal bearings of generous capacity. Chrome plated rims with enamelled centres and suitably lined.

Light alloy head and barrel are available at an extra charge.

21 TIMES A T.T. WINNER

www.Motos-anglaises.com

Twenty-one times a T.T. winner. This is a record unsurpassed by any other machine in T.T. history. These 1948 successes prove that the unapproachable NORTONS still set a standard worthy of their great heritage.

Isle of Man Senior T.T.
NORTON 1st, 2nd and 3rd.

Dutch T.T.
NORTON 1st and fastest lap.

Belgian Grand Prix.
NORTON 1st, and 1st, 2nd and 3rd in Sidecar race.

Swiss Grand Prix.
Senior: NORTON 1st and 2nd.
Junior: NORTON 1st.
Sidecar: NORTON 1st and 2nd.

Leinster " 200."
NORTON 1st and fastest lap.

American T.T.—Daytona " 100."
NORTON 1st and 2nd.

Australian T.T.—New South Wales Grand Prix.
Senior: NORTON 1st and fastest lap.
Junior: NORTON 1st and fastest lap.

Victoria T.T.—Australia.
Senior: NORTON 1st and 2nd.
Junior: NORTON 1st.

Victory Cup Trial.
NORTON VICTORY CUP for best performance of the Trial.

Polish Grand Prix.
NORTON 1st, 2nd and 3rd.

THE STORY OF

Norton

IS THE HISTORY OF THE MOTOR

COPY OF GUARANTEE GIVEN BY NORTON MOTORS LTD. TO THEIR DEALERS.

WE do not appoint agents for the sale on our behalf of our motor cycles, but we assign to motor cycle dealers distributing rights. No such dealer is authorised to transact any business, give any warranty or make any representation, or incur any liability on our behalf.

CONDITIONS OF SALE AND GUARANTEE.

We give the following guarantee with our motor cycles, motor cycle combinations and sidecars, including all accessories and component parts other than tyres, saddles, chains and lighting and electrical equipment and other accessories and component parts supplied to the order of the purchaser and differing from those comprised in the standard specifications supplied with our motor cycles, motor cycle combinations and sidecars, but including accessories and parts supplied by way of exchange as hereinafter provided. This guarantee is given in place of any implied conditions or warranties or any liabilities whatsoever statutory or otherwise no guarantee except that hereinafter contained and no condition or warranty whatsoever statutory or otherwise is given or is to be implied, nor are we to be under any liability whatsoever except under the guarantee hereinafter contained. Any statement, description, condition or representation contained in any catalogue, advertisement, leaflet or other publication shall not be construed as enlarging varying or over-riding anything herein contained. In the case of machines (a) which have been used for "hiring out" purposes, or (b) any motor cycle and/or sidecar used for any dirt track, cinder track or grass track racing or competitions (or any competition of any kind within an enclosure for which a charge is made for admission to take part in or view the competition), or (c) machines from which the trade mark, name or manufacturing number has been altered or removed, or (d) any machines in which parts have been used not supplied by or approved by the motor cycle manufacturer, or (e) any machine from which the silencing system as fitted by the manufacturer has been partially or wholly removed or interfered with, no guarantee, condition or warranty of any kind statutory or otherwise is given or is to be implied, nor are we to be under any liability whatsoever in respect of any such machine.

We guarantee, subject to the conditions mentioned below, that all precautions which are usual and reasonable have been taken by us to secure excellence of materials and workmanship, but this guarantee is to extend and be in force for six months only from date of purchase, or date of exchange in case of any accessory or part supplied by way of exchange as hereinafter provided, and damages for which we make ourselves responsible under this guarantee are limited to the free repair of or supply of a new part or accessory in exchange for the part of the motor cycle, motor cycle combination or sidecar or accessory which may have proved defective. We undertake, subject to the conditions mentioned below, to make good in manner aforesaid any part or accessory covered by this guarantee which has proved defective within the said period of six months. We do not undertake to replace or refix, or bear the cost of replacing or refixing any such new part or accessory in the motor cycle, motor cycle combination or sidecar. As motor cycles, motor cycle combinations and sidecars are easily liable to derangement by neglect or misuse, this guarantee does not apply to defects caused by wear and tear, misuse or neglect.

The term "misuse" shall include amongst others the following acts:—

1. The attaching of a sidecar to a motor cycle in such a manner as to cause damage or calculated to render the latter unsafe when ridden.
2. The use of a motor cycle or of a motor cycle and sidecar combined, when carrying more persons or a greater weight than that for which the machine was designed by the manufacturers.
3. The attaching of a sidecar to a motor cycle by any form of attachment not provided, supplied, or approved by the manufacturers, or to a motor cycle which is not designed for such use.

We do not guarantee tyres, saddles, chains or lighting and electrical equipment, or any accessories or component parts supplied to the order of the purchaser differing from those comprised in the standard specifications supplied with our motor cycles, motor cycle combinations or sidecars. As regards all such tyres, saddles, chains, lighting and electrical equipment, accessories and component parts, no guarantee, condition or warranty of any kind statutory or otherwise is given or is to be implied, and we are to be under no liability whatsoever in respect thereof.

CONDITIONS OF GUARANTEE.

If a defective part or accessory should be found in our motor cycles, motor cycle combinations or sidecars, or in any part of accessory supplied by way of exchange as before provided, it must be sent to us **CARRIAGE PAID**, and accompanied by an intimation from the owner that he desires to have it repaired or exchanged free of charge under our guarantee, and he must also furnish us at the same time with the number of the machine, the date of the purchase or the date when the alleged defective part or accessory was exshanged as the case may be.

Failing compliance with the above, such article will lie here at **THE RISK OF THE OWNER**, and this guarantee and any implied guarantee, warranty or condition shall not be enforceable.

REPAIRS.

Any motor cycle, motor cycle combination or sidecar sent to us to be plated, enamelled or repaired will be repaired upon the following conditions, i.e., we guarantee that all precautions which are usual and reasonable have been taken by us to secure excellence of materials and workmanship, such guarantee to extend and be in force for three months only from the time such work shall have been executed, and this guarantee is in lieu and in exclusion of all conditions and warranties statutory or otherwise and all liabilities whatsoever and the damages recoverable are limited to the cost of any further work which may be necessary to amend and make good the work found to be defective.

NO EXCHANGE OR REPLACEMENT WHATEVER WILL BE CONSIDERED UNTIL PARTS HAVE BEEN PRESENTED TO US FOR EXAMINATION—CARRIAGE PAID.

PRICES ARE SUBJECT TO ALTERATION WITHOUT NOTICE.

Prices and specifications subject to alteration without previous notice.

PRINTED IN ENGLAND

NORTON MOTORS LIMITED
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