



### **MOLNAR MANX** **90 BORE ENGINE SPECIFICATION**

All parts are machined from original castings to ensure authentic appearance.

90mm bore x 78.42 stroke = 499cc

Pressed up crank assembly, with integral mainshafts, made from EN36 forgings hardened and ground all over. 40mm parallel pin and INA needle roller big end bearing. Titanium or Carrillo con rod. We believe that these proven crankshafts give the optimum combination of rigidity and flexure for the Manx, but if the customer insists, we can supply our engines with a one piece EN40 billet crank and carrillo con rod at extra cost.

Special forged 2 ring piston, running in a ceramic bore in a lightweight barrel casting. Maximum safe RPM = 8,200.

Revised and updated compact combustion chamber machined from castings made from original Norton patterns. Inlet valve 2" diameter. Compression ratio up to 13:1 can be achieved but the efficient combustion chamber design allows the use of 100 octane unleaded fuel. Minimum carb size 1.1/2" (38mm). Single, near central spark plug with twin spark option. Revised detail machining of cambox castings to allow for improved cam profiles and neatly enclosed valve springs.

Almost every part has been worked on to reduce the weight of the engine to 78 pounds (35.5 kg) excluding magneto and carb.

For countries where it is permitted, this engine can be supplied 2mm oversize on the bore to give 92mm bore x 78.42 stroke = 521cc. The extra cost is £300.00

**90 Bore Manx Norton Classic Racer****Price . £**

Built 90 Bore full engine with electronic ignition.	11,525.00
Gardner carb, manifold float chamber, cables, twistgrip etc. (G.P. carb £ 300.00 extra)	from 600.00
6 speed gearbox, all magnesium	2,450.00
Lightened engine plates, bolts/studs & gearbox mountings.	420.00
Lightweight clutch, belt drive & cover.	670.00
MPL 'Featherbed' frame, swing arm & Maxton shocks.	2,350.00
Lightweight 'Roadholder' forks	1,100.00
Magnesium yokes & hydraulic steering damper.	540.00
210mm Fontana hub, mag shoes, rim, tyre, tube, spindle etc.	2,040.00
Conical rear hub, floating brake, rim, tyre, tube, spindle etc.	1,840.00
Final drive chain, sprockets.	110.00
Footrests, brake, gearlever, wheel adjusters, handlebars & levers, cables & torque stays	700.00
Glassfibre mudguards, seat, mountings.	210.00
Polished alloy petrol & oil tanks & mountings	1300.00
Scitsu tacho	135.00
Glassfibre fairing & mountings	370.00
Lightweight silenced stainless exhaust system & mountings	540.00
Building, ancillaries, running in on our dyno	1,500.00

**GRAND TOTAL****28,400.00**

All price estimates are subject to confirmation and exclude delivery and VAT  
Because all machines are hand built to customer specification all elements are  
interchangeable to meet your exact requirements.