



MOLNAR MANX **95 BORE ENGINE SPECIFICATION**

Developed in conjunction with Fred Walmsley Developments, the 95 bore Molnar Manx has been the machine to beat in the last few seasons. Winning 6 out of the last 7 International Classic British Grand Prix support races, the 2000, 2002 & 2006 Classic Senior Manx Grand Prix, the InCA 2002 European Championship, FIM 2003 Classic World Series and numerous other International events. The late and sadly missed double world champion Barry Sheene chose the FWD Molnar Manx 95 bore for his personal machine to campaign in Classic events, the best endorsement you can get.

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

95mm bore x 70.38 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 with titanium 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 = 9,000.

Cambox and cylinder head valve angle reduced to 60 degrees inclusive with valves re-positioned to suit. Inlet port and combustion chamber totally re-designed. Twin 10mm spark plugs.

Almost every part has been worked on to reduce the weight of the engine to 77 pounds (35 kg) excluding magneto and carb.

<u>'Works' Specification 95 Bore Manx Norton Classic Racer</u>	<u>Price . £</u>
Built 95 Bore full specification engine with electronic ignition.	13,600.00
40 FF Gardner carb, manifold float chamber, cables, twist grip etc.	640.00
6 speed gearbox, all magnesium.	2,450.00
Lightened engine plates, bolts/studs & gearbox mountings.	430.00
Lightened clutch, belt drive & cover.	770.00
MPL 'Featherbed' frame, swing arm & Maxton shocks.	2,400.00
Lightweight 'Roadholder' forks, cast sliders	920.00
Magnesium yokes & hydraulic steering damper.	560.00
210mm Fontana hub, mag shoes, rim, tyre, tube, spindle etc.	2,240.00
Conical rear hub, floating brake, rim, tyre, tube, spindle etc.	1,990.00
Final drive chain, sprockets.	130.00
Footrests, brake, gearlever, wheel adjusters, handlebars & levers, cables & torque stays	700.00
Carbon mudguards, seat, mountings.	280.00
Polished alloy petrol & oil tanks & mountings	1300.00
Scitsu tacho	140.00
Carbon fairing & mountings	540.00
Lightweight stainless silenced exhaust system & mountings	540.00
Building, ancillaries, running in on our dyno, paddock stand, sprockets	1,500.00
GRAND TOTAL	31,130.00

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.