



Mac Motorcycles hand-builds British modern-retro single-cylinder bikes to individual specifications in sunny Barnsley, South Yorkshire.

Both of our production models—the Rex and the Ruby utilise an identical underlying powertrain, frame, and mechanicals package. There are a host of configuration options so get your bike, your way!

Chassis, Suspension & Dimensions

- Frame: Tubular steel (The main backbone is T45) frame manufactured in England by Caged Laser Engineering, Premium brand headstock bearings (SKF/NSK/Timken)
- Swingarm: Triangulated steel swingarm matching the main frame, also from Caged Laser running on 4 SKF needle roller bearings
- Stainless steel outriggers (where specified)
- Front Suspension: Fastace 47 mm upside-down (USD) front forks
- Rear Suspension: Fully adjustable Nitron R1 monoshock absorber
- Front Brake: 320 mm floating disc with radial-mounted HEL or Brembo calipers and Brembo master cylinder
- Magura Clutch Master Cylinder with Oberon Actuator
- Rear Brake: 240 mm disc
- Wheels: 17-inch spoked rims assembled in the UK.
- Fuel Tank Capacity: 16 litres (Tank produced by Acerbis in Italy)
- Seat Height: 760 mm
- Wheelbase: 1,430 mm
- Dry weight: 150 kg
- Paintwork & Finish: Your choice or colours / effects
- Seat: Upholstery and foam density that suits you

Engine & Transmission

- Engine Type: Liquid-cooled, 4-stroke, DOHC, 4-valve single-cylinder ("Thumper")
- Engine Origin: Manufactured by SWM in Italy; a developed version of the proven Husqvarna TE610 architecture
- Displacement: 600 cc
- Bore x Stroke: 100 mm x 76.4 mm
- Compression Ratio: 12.4:1
- Maximum Power: 57 bhp (41.9 kW) and 58 N/M Torque at the crank
- Fuel System: Electronic Fuel Injection via a Mikuni throttle body, UK made MBE ECU with bespoke mapping
- Radiator and Airbox: Made to our unique requirements in the UK by Alisport
- Transmission: 6-speed manual gearbox
- Exhaust: Twin-exit fully polished. stainless steel exhaust system manufactured in the UK by Keihan Systems

Guide Price for the bikes to this specification is £15,500 including VAT

Designed, Engineered and Built in Britain (well, Yorkshire to be precise)