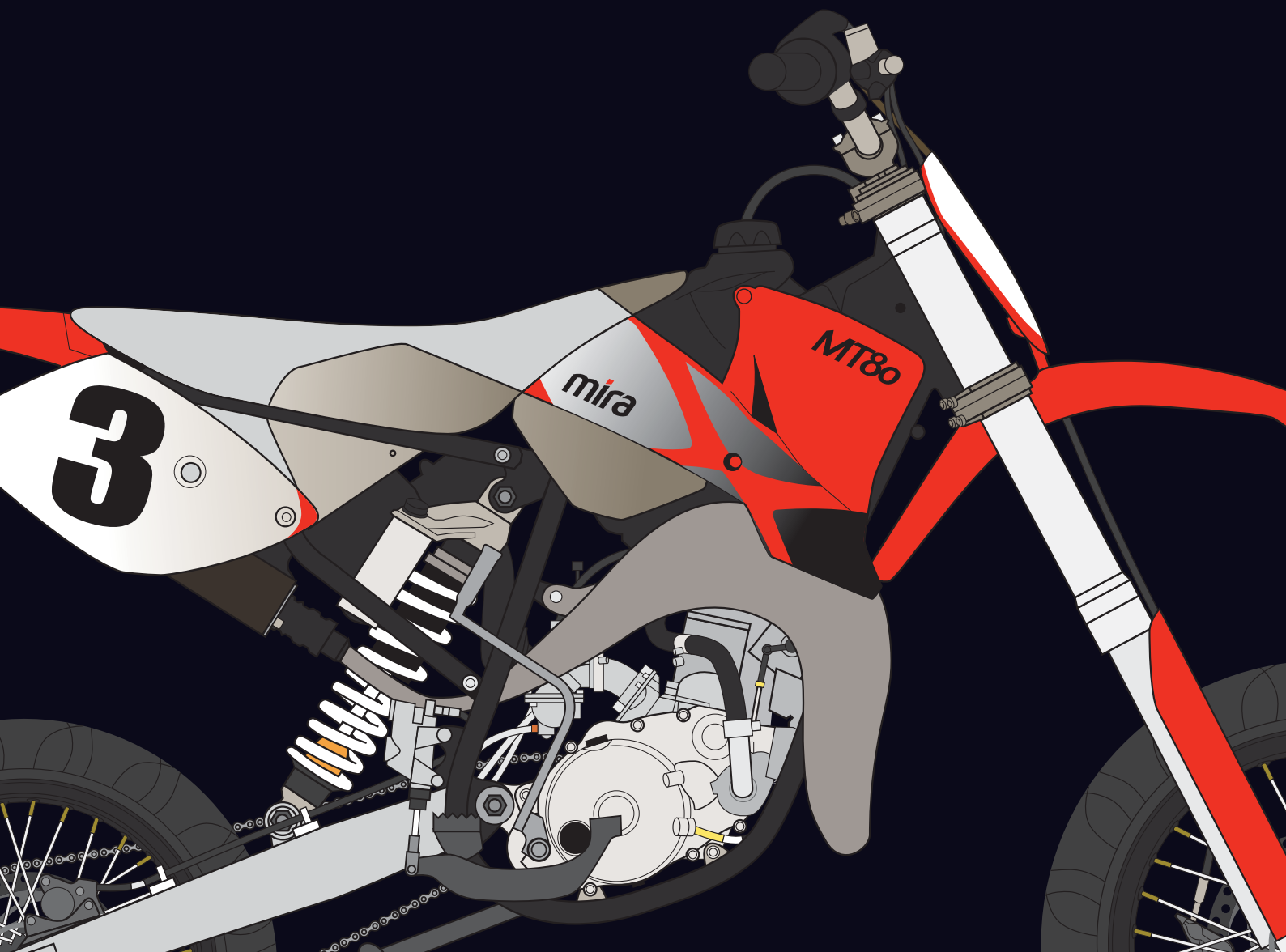


MT80

80cc 2-stroke for easy maintenance / 4 speed gearbox / smooth hydraulic clutch / New Zealand designed and developed / water cooled Grand Prix cylinder technology / high efficiency engine designed for smooth, tractable power delivery / full parts system backup / factory race parts available for competition development / Motard version available



MT80

The MT80 is an 80cc 2-stroke 4 speed water cooled configuration, designed and engineered as an intelligent entry level motocross bike.

EXTENSIVE RESEARCH AND DEVELOPMENT

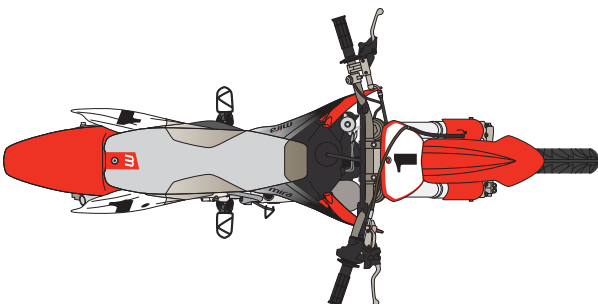
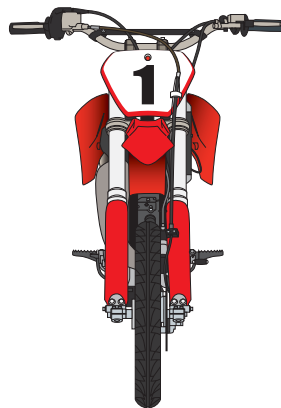
From design mandate to manufacture, the MT80 has benefited from the extensive GP experience of our engineering team. With a guaranteed 15 rear wheel horsepower, the MT80 is competition ready and delivers classleading mid-range torque that carries on through the rev range. This mid-range power and excellent overrev characteristics allow the use of a 4 speed gearbox which enhances the experience for entry level riders. Our engineers selected the 2-stroke engine type for its low weight & inherent ease of serviceability.

NOT JUST A LEARNER-FRIENDLY BIKE

Internally, the MT80 engine is essentially a scaled down GP design. The componentry is race-derived, and incredibly strong. Attention to the weight of the engine's rotating components enables the MT80 to accelerate like a race machine. There is also the opportunity to extract a great deal more power from the engine.

CATERING FOR THE MORE EXPERIENCED RIDER

Mira Motorcycles will release a factory race kit for the MT80, consisting of a new cylinder, pipe, and reprogrammed ignition unit. This will be available in late 2008, and increase the power output by a further 7-8 hp.



OTHER:

Emission Control: Evaporative Emission Control to US 2008 Regulations

Environmental Protection: These motorcycles are designed and marketed for competition use ONLY, and are thus exempt from US EPA exhaust emissions regulations.

Final specifications subject to change

MT80 SPECIFICATIONS

FRAME

Construction: Tubular/box section chrome moly
Wheelbase: 1150mm
Seat height: 820mm
Tank capacity: 3 litres
Front rim: 1.6" x 14" (MX), 3.0" x 14" (Motard)
Rear rim: 1.6" x 12" (MX), 3.0" x 12" (Motard)

SUSPENSION

Front forks: 36mm fully adjustable bump and rebound
Front fork travel: 186mm
Front triple clamps: Forged 6061 alloy
Rear shock: Fully adjustable bump and rebound
Rear suspension travel: 196mm

ENGINE/GEARBOX

Cylinder: 79.8cc power valve type, Nikasil™ type coating
Compression ratio: 16.2:1
Spark plug: NGK D8EA
Ignition: Kokusan Denki fully digital
Induction: Reed valve
Carburettor: Mikuni VM20
Exhaust: Tuned expansion chamber
Cooling: Water cooled, single radiator LHS
Power: Always over 15 hp at rear wheel
Gearbox: 4 speed
Clutch: 5 plate, wet type, hydraulically operated
Chain: 428