



# F4 RC



MAMBA RED/METAL CARBON BLACK  
PEARL RC WHITE/GREEN



\* Top speed attained on closed course.

\*\* Kit SC Exhaust and ECU Map version

Every country could have a price variation due to local import duties and taxes.

MY 2019 - 06/11/18

ENGINE	
Type	Four cylinder, 4 stroke, 16 valve
Timing system	"D.O.H.C", radial valve
Total displacement	998 cm <sup>3</sup> (60.9 cu. in.)
Compression ratio	13.4:1
Starting	Electric
Bore x stroke	79 mm x 50.9 mm (3.1 in. x 2.0 in.)
Max. power -r.p.m. (at the crankshaft)	151,0 kW (205 hp) at 13.450 r.p.m. 158.0 kW (212 hp) at 13.600 r.p.m.**
Max. torque - r.p.m.	115,0 Nm (11,7 kgm) at 9.300 r.p.m.
Cooling system	Cooling with separated liquid and oil radiators
Engine management system	Integrated ignition - injection system MVICS (Motor & Vehicle Integrated Control System) with eight injectors (4 lower fuel injectors by Mikuni + 4 upper fuel injectors by Magneti Marelli with increased fuel flow). Engine control unit Eldor EM2.0, throttle body full ride by wire Mikuni, pencil-coil with ion-sensing technology, control of detonation and misfire - Torque control with four maps, Traction Control with eight levels of intervention with lean angle sensor - TSS Torque Shift System employing variable length intake runners
Electronic quick-shift	MV EAS 2.0 (Electronically Assisted Shift Up & Down)
Clutch	Wet, multi-disc with back torque limiting device and Brembo radial pump/lever assembly
Transmission	Cassette style; six speed, constant mesh
Primary drive	48/82
Gear ratio	
First gear: Speed	14/37
Second gear: Speed	16/33
Third gear: Speed	18/31
Fourth gear: Speed	20/30
Fifth gear: Speed	22/29
Sixth gear: Speed	21/25
Final drive ratio	15/41
ELECTRICAL EQUIPMENT	
Voltage	12 V
Alternator	350 W at 5000 r.p.m.
Battery	Li-ion 12.8 V - 4.0 Ah
DIMENSIONS AND WEIGHT	
Wheelbase	1430 mm (56.27 in.)
Overall length	2115 mm (83.30 in.)
Overall width	750 mm (29.51 in.)
Saddle height	830 mm (32.68 in.)
Min. ground clearance	115 mm (4.52 in.)
Trail	100,4 mm (3.93 in.)
Dry weight	183 kg (403.45 lbs.) - 175 kg (385.80 lbs.)**
Fuel tank capacity	17 l (4.49 U.S. gal.)
PERFORMANCE	
Maximum speed*	302 km/h (187.65 mph)

FRAME	
Type	CrMo Steel tubular trellis
Rear swing arm pivot plates material	Aluminium alloy - Adjustable swingarm pivot height
FRONT SUSPENSION	
Type	Öhlins USD front fork, NIX 30 type with TIN coating on inner tubes, left compression and right rebound manual adjustment, top out spring.
Fork dia.	43 mm (1.69 in.)
Fork travel	120 mm (4.72 in.)
REAR SUSPENSION	
Type	Öhlins progressive, TTX36 twin tube rear shock absorber with piggyback reservoir, compression and rebound adjusted with anodized aluminium adjustment knobs
Single sided swing arm material	Aluminium alloy
Wheel travel	120 mm (4.72 in.)
BRAKES	
Front brake	Double floating disc with Ø 320 mm (Ø 12.6 in.) diameter, with steel braking disc and aluminium flange Brembo radial pump/level assembly
Front brake caliper	Brembo GP radial-type, single-piece with 4 pistons Ø 30 mm (Ø 1.18 in.)
Rear brake	Single steel disc with Ø 210 mm (Ø 8.27 in.) dia.
Rear brake caliper	Nissin with 4 pistons - Ø 25.4 mm (Ø 1.00 in.)
ABS System	Bosch 9 Plus with Race Mode and RLM (Rear wheel Lift-up Mitigation)
WHEELS	
Front: Material/size	Forged aluminium alloy 3,50 " x 17 "
Rear: Material/size	Forged aluminium alloy 6,00 " x 17 "
TYRES	
Front	120/70 - ZR 17 M/C (58 W)
Rear	200/55 - ZR 17 M/C (78 W)
FAIRING	
Material	Carbon fiber and thermoplastic
CONTENTS	
Steering damper	Öhlins linear telescopic, manual adjustment
Rider's footpegs	Adjustable height
Exclusive features	Light crankshaft - Cylinder head with new intake ducts - Magnesium engine covers Light pistons and rods - Titanium bolts, screws and fasteners
KIT RACING PARTS	
SC Project Titanium exhaust pipe system with mapped ECU - Carbon fibre passenger seat cover - Carbon fiber under tail covers Anodizing aluminium caps for rear mirror seats Racing Ergal fuel tank cap - Dedicated bike cover - Certificate of origin - Limited Edition	

Environmental Standard Euro 3