



RUSH 1000



DARK METALLIC MATT GREY/MAMBA RED
MATT CARBON/METALLIC BRONZE

E10 UNLEADED GASOLINE WITH
UP TO 10% ETHANOL ONLY

* Top speed attained on closed course.

** Kit Exhaust and ECU Map version

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

MY 2020 - 06/03/20

ENGINE	
Type	Four cylinder, 4 stroke, 16 valve
Timing system	"D.O.H.C", radial valve
Total displacement	998 cm ³ (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)	153,0 kW (208 hp) at 13.000 r.p.m. 156,0 kW (212 hp) at 13.600 r.p.m.**
Max. torque - r.p.m.	116,5 Nm (11,9 kgm) at 11.000 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 EM2.10, 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 8 levels + off and wheelie control with inertial platform
Electronic quick-shift	MV EAS 2.1 (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	16/41

ELECTRICAL EQUIPMENT	
Voltage	12 V
Alternator	350 W at 5000 r.p.m.
Battery	Li-ion 12 V - 4.0 Ah

DIMENSIONS AND WEIGHT	
Wheelbase	1415 mm (55.71 in.)
Overall length	2080 mm (81.89 in.)
Overall width	805 mm (31.69 in.)
Saddle height	845 mm (33.27 in.)
Min. ground clearance	141 mm (5.55 in.)
Trail	97 mm (3.82 in.)
Dry weight	186 kg (410.06 lbs.) - 184 kg (405.65 lbs.)**
Fuel tank capacity	16 l (4.23 U.S. gal.)

PERFORMANCE	
Maximum speed*	over 300 km/h (186 mph)

FRAME	
Type	CrMo Steel tubular trellis
Rear swing arm pivot plates material	Aluminium alloy - Adjustable swingarm pivot height

FRONT SUSPENSION	
Type	Öhlins Nix EC hydraulic "upside down" front forks with TiN superficial treatment. Completely adjustable with electronically controlled compression and rebound damping with manually controlled spring preload.
Fork dia.	43 mm (1.69 in.)
Fork travel	120 mm (4.72 in.)

REAR SUSPENSION	
Type	Progressive, single shock absorber Öhlins EC TTX completely adjustable with electronically controlled compression and rebound damping and spring preload
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 with	Brembo Stylema radial-type, single-piece 4 pistons Ø 30 mm (Ø 1.18 in.)
Rear brake	Single steel disc with Ø 220 mm (Ø 8.66 in.) dia. - Brembo PS13 brake pump
Rear brake caliper	Brembo with 2 pistons Ø 34 mm (Ø 1.34 in.)
ABS System	Bosch 9 Plus with Race Mode and RLM (Rear wheel Lift-up Mitigation)

WHEELS	
Front: Material/size	with aluminium alloy spokes 3,50 " x 17 "
Rear: Material/size	Forged aluminium alloy 6,00 " x 17 " with carbon fiber cover

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 material

CONTENTS	
Steering damper	Öhlins EC with electronic manual and automatic adjustment modes
Rider's footpegs	CNC adjustable height
Exclusive features	Light crankshaft - New combustion chamber Titanium bolts, screws and fasteners - Titanium connecting rods - Dashboard TFT 5" color display - Cruise control - Bluetooth - GPS - App MVride for navigation mirroring, app-controlled engine, suspension and rider aids setup - Launch Control - FLC Front lift control Immobilizer - Z15 Counter-shaft sprocket

RACING KIT** (OPTIONAL)	
	Titanium racing exhaust system with dual silencers with dedicated ECU - Carbon fiber passenger seat cover

EMMISSIONS	
Environmental Standard	Euro 4
Combined fuel consumption	6.7 l/100 km
CO ₂ Emissions	153 g/km

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