



# RUSH



RUSH RACING KIT

NEW  
COLOR '23



MAMBA RED 2.0 (GLOSS)/  
INTENSE BLACK (GLOSS)



MAMBA RED 2.0 (GLOSS)/INTENSE  
BLACK (GLOSS) – RACING KIT\*\*



\* Speed attained on closed course.  
\*\* Racing kit version with ECU Map version.

Every country could have a price variation due to local import duties and taxes  
MY 23 – 22/05/23

## ENGINE

Type  
Timing system  
Total displacement  
Compression ratio  
Starting  
Bore x stroke  
Max. power – rpm (at the crankshaft)

Max. torque – rpm

Cooling system  
Engine management system

Electronic quick-shift  
Clutch

Transmission  
Primary drive  
Gear ratio

First gear 14/37  
Second gear 16/33  
Third gear 18/31  
Fourth gear 20/30  
Fifth gear 22/29  
Sixth gear 21/25  
Final drive ratio 15/41

## ELECTRICAL EQUIPMENT

Voltage 12 V  
Alternator 350 W at 5.000 rpm  
Battery Li-ion 12 V – 4.0 Ah

## DIMENSIONS AND WEIGHT

Wheelbase 1.415 mm (55.71 in.)  
Overall length 2.080 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)  
Acceleration\* 0–100 km/h in 3.15 s 0–200 km/h in 8.30 s

## FRAME

Type  
Rear swing arm pivot plates material

## FRONT SUSPENSION

Type

Fork dia.  
Wheel travel

Four cylinders, 4 stroke, 16 valves, with countershaft  
“D.O.H.C”, radial valve and DLC tappet  
998 cm<sup>3</sup> (60.9 cu. in.)  
13.4:1  
Electric  
79 mm x 50.9 mm (3.1 in. x 2.0 in.)  
153,0 kW (208 hp) at 13.000 rpm  
156,0 kW (212 hp) at 13.600 rpm\*\*  
116,5 Nm (11,9 kgm) at 11.000 rpm

Cooling with separated liquid and oil radiators  
Integrated ignition – injection system MVIGS 2.1 (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 Nemo 2.1, throttle body bore 50 mm diameters 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  
MV EAS 3.0 (Electronically Assisted Shift Up & Down)  
Wet, multi-disc with back torque limiting device and Brembo radial master cylinder/lever assembly  
Cassette style; six speed, constant mesh

14/37  
16/33  
18/31  
20/30  
22/29  
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15/41

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over 300 km/h (186 mph)  
0–100 km/h in 3.15 s 0–200 km/h in 8.30 s

CrMo Steel tubular trellis  
Aluminium alloy – Adjustable swingarm pivot height

Öhlins Nix EC hydraulic “upside down” front fork with TIN superficial treatment. Completely adjustable with electronically controlled compression and rebound damping with manually controlled spring preload.  
43 mm (1.69 in.)  
120 mm (4.72 in.)

## REAR SUSPENSION

Type

Single sided swing arm material  
Wheel travel

## BRAKES

Front brake

Front brake caliper

Rear brake

Rear brake caliper  
ABS System

## WHEELS

Front: Material/size  
Rear: Material/size

## TYRES

Front  
Rear

## FAIRING

Material

## CONTENTS

Steering damper

Carbon components

Exclusive features

## RACING KIT\*\*

## EMISSIONS

Environmental Standard  
Combined fuel consumption  
CO<sub>2</sub> Emissions

Progressive, Öhlins EC TTX single shock absorber completely adjustable with electronically controlled compression and rebound damping and spring preload  
Aluminium alloy  
120 mm (4.72 in.)

Double floating disc with Ø 320 mm (Ø 12.6 in.) dia. with steel braking disc and aluminium flange  
Brembo radial master cylinder/lever assembly  
Brembo Stylema radial-type, single-piece with 4 pistons Ø 30 mm (Ø 1.18 in.)  
Single steel disc with Ø 220 mm (Ø 8.66 in.) dia.  
Brembo PS13 brake master cylinder  
Brembo with 2 pistons Ø 34 mm (Ø 1.34 in.)  
Continental MK100 with RLM (Rear Wheel Lift-up Mitigation) and with cornering function

Aluminium alloy spoked wheel 3,50 " x 17 "  
Forged aluminium alloy 6,00 " x 17 "  
with carbon fiber cover

120/70 – ZR 17 M/C (58 W)  
200/55 – ZR 17 M/C (78 W)

Carbon fiber and thermoplastic material

Öhlins EC with electronic manual and automatic adjustment modes

Air box – Air-box cover – Dashboard harness cover RH/LH central panel for fuel tank – RH/LX side panel for fuel tank – Clutch and gearbox covers – RH/LH external air intake. Under seat cover – Rear Wheel cover – Radiator covers

Lighter crankshaft – New combustion chamber  
Lighter pistons – Titanium connecting rods  
Dashboard TFT 5.5" color display – Cruise control  
Bluetooth – GPS – MV Ride App for navigation mirroring, app-controlled engine, suspension and rider aids setup – Launch Control – FLC (Front lift control) – Mobisat anti-theft system with geo-location – CNC Rider's footpegs with adjustable height – Sprocket Z15 – Raised semi-handlebars  
Alcantara “comfort” seat – Aluminium dashboard cover

Customized Racing Kit box containing: Arrow Titanium racing exhaust silencer (Euro 5, street legal) and dedicated control unit – Carbon exhaust cover – Passenger seat cover – CNC fuel tank cap  
CNC brake/clutch levers – Brake/clutch lever protections – Customized motorcycle cover  
Elegant welcome kit box with certificate of authenticity (Limited edition)

Euro 5  
6.8 l/100 km  
158 g/km



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## FAIRING

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## CONTENTS

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## DEDICATED KIT

## SPECIAL PARTS KIT\*\*

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Arrow Titanium racing exhaust silencer (Euro 5, street legal) and dedicated control unit – Carbon exhaust cover

The full Special Parts range is available on the MV Agusta website



RUSH DEDICATED KIT

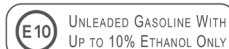
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INTENSE BLACK (GLOSS)



MAMBA RED 2.0 (GLOSS)/INTENSE  
BLACK (GLOSS) – SPECIAL PARTS KIT\*\*



\* Speed attained on closed course.

\*\*Special Parts version with optional exhaust and ECU map. The items have been developed and are intended for closed course competition use and racing applications only.

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MY 23 – 22/05/23 USA