



SURREAL WHITE GLOSS/
MAMBA RED GLOSS (Street version)



FIRE RED MATT/
METALLIC DARK GRAY MATT
(with Racing Kit)**



* Top speed attained on closed course.
** Optional Racing Kit version, with exhaust and ECU map, available on demand (with the bike)

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

MY 2022 - 03/08/21

ENGINE

| | |
|---|---|
| Type | Three cylinder, 4 stroke, 12 valve |
| Timing system | "D.O.H.C" with mechanical chain tensioner and DLC tappet |
| Total displacement | 798 cm ³ (48.7 cu. in.) |
| Compression ratio | 13.3:1 |
| Starting | Electric |
| Bore x stroke | 79 mm x 54.3 mm (3.1 in. x 2.1 in.) |
| Max. power - r.p.m. (at the crankshaft) | 108 kW (147 hp) at 13.000 r.p.m. 114 kW (155 hp) at 13.250 r.p.m.** |
| Max. torque - r.p.m. | 88 Nm (8.98 kgm) at 10.100 r.p.m. |
| Cooling system | Cooling with separated liquid and oil radiators |
| Engine management system | Integrated ignition - injection system MVICS 2.1 (Motor & Vehicle Integrated Control System) with six injectors. 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 eight levels of intervention |
| Electronic quick shift | MV EAS 3.0 (Electronically Assisted Shift Up & Down) |
| Clutch | Wet, multi-disc slipper clutch |
| Transmission | Cassette style; six speed, constant mesh |
| Primary drive | 22/41 |
| Gear ratio | First gear 13/37 Second gear 16/34 Third gear 18/32 Fourth gear 19/30 Fifth gear 21/30 Sixth gear 22/29 |
| Final drive ratio | 17/43 |

ELECTRICAL EQUIPMENT

| | |
|------------|-----------------------|
| Voltage | 12 V |
| Alternator | 350 W at 5.000 r.p.m. |
| Battery | 12 V - 8.6 Ah |

DIMENSIONS AND WEIGHT

| | |
|-----------------------|---|
| Wheelbase | 1.380 mm (54.33 in.) |
| Overall length | 2.030 mm (79.92 in.) |
| Overall width | 730 mm (28.74 in.) |
| Saddle height | 830 mm (32.68 in.) |
| Min. ground clearance | 120 mm (4.72 in.) |
| Trail | 99 mm (3.89 in.) |
| Dry weight | 173 kg (381.4 lbs.) - 165 kg (363,8 lbs.)** |
| Fuel tank capacity | 16,5 l (4.36 U.S. gal.) |

PERFORMANCE

| | |
|----------------|------------------------|
| Maximum speed* | 240.0 km/h (149.1 mph) |
|----------------|------------------------|

FRAME

| | |
|--------------------------------------|---------------------------|
| Type | ALS Steel tubular trellis |
| Rear swing arm pivot plates material | Aluminium alloy |

FRONT SUSPENSION

| | |
|-------------|--|
| Type | Marzocchi "UPSIDE DOWN" telescopic hydraulic fork with rebound-compression damping and spring preload external and separate adjustment |
| Fork dia. | 43 mm (1.69 in.) |
| Fork travel | 125 mm (4.92 in.) |

REAR SUSPENSION

| | |
|---------------------------------|---|
| Type | Progressive Sachs, single shock absorber with rebound and compression damping and spring preload adjustment |
| Single sided swing arm material | Aluminium alloy |
| Wheel travel | 130 mm (5.12 in.) |

BRAKES

| | |
|---------------------|---|
| Front brake | Double floating disc with Ø 320 mm (Ø 12.6 in.) diameter, with steel braking disc and flange Brembo radial-type monobloc, with 4 pistons Ø 34 mm (Ø 1.34 in.) |
| Front brake caliper | Single steel disc with Ø 220 mm (Ø 8.66 in.) dia. Brembo with 2 pistons - Ø 34 mm (Ø 1.34 in.) Continental MK100 with RLM (Rear Wheel Lift-up Mitigation) and with cornering function |
| Rear brake | |
| Rear brake caliper | |
| ABS System | |

WHEELS

| | |
|----------------------|-----------------------------|
| Front: Material/size | Aluminium alloy 3.50" x 17" |
| Rear: Material/size | Aluminium alloy 5.50" x 17" |

TYRES

| | |
|-------|---------------------------|
| Front | 120/70 - ZR 17 M/C (58 W) |
| Rear | 180/55 - ZR 17 M/C (73 W) |

FAIRING

| | |
|----------|---|
| Material | Thermoplastic - Carbon fiber Aluminium belly-pan |
|----------|---|

CONTENTS

| | |
|---------------------|---|
| Titanium components | Intake and exhaust valves |
| Exclusive content | Dashboard TFT 5.5" color display - Cruise control Launch control - Bluetooth - GPS - MV Ride App for navigation mirroring, app-controlled engine, rider aids setup - Mobisat tracker Additional CNC rider footpegs (supplied) |

OPTIONAL

CNC fuel tank cap - CNC brake and clutch lever - Fiberglass Passenger seat cover Akrapovic exhaust system - Carbon fiber silencer cover - ECU with racing map

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

EMISSIONS

| | |
|---------------------------|--------------|
| Environmental Standard | Euro 5 |
| Combined fuel consumption | 6.1 l/100 km |
| CO ₂ Emissions | 139 g/km |