



Motorcycle Art



**LXP ORIOLI**





Edi Orioli\_Legendary 4-time Dakar Winner

## **MV AGUSTA** THE LUXURY OF FREEDOM

There is no greater or rarer luxury than the total freedom to travel, explore and experience without setting any limits. MV Agusta celebrates this concept with the world's first luxury all-terrain motorcycle: the LXP Orioli.



LXP ORIOLI  
TECHNICAL INFORMATION

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07





*LXP ORIOLI*

THE WORLD'S FIRST LUXURY ALL-TERRAIN MOTORCYCLE



# LXP ORIOLI DEDICATED KIT



## INSPIRED BY *THE GOLDEN ERA* OF RALLIES

Produced as a limited run of just 500, this new model is a tribute to Italian motorcycling legend Edi Orioli who, wearing the iconic Lucky Explorer colors of green, red, and white, became a symbol of adventure riding in the 1990s, dominating the world rally scene. As well as being numbered, every motorcycle produced will be personally signed by Edi Orioli, making each a unique piece to ride and collect. The LXP Orioli positions in the luxury motorcycle segment for its equipment, technical features, choice of materials and attention to detail, ensuring the utmost comfort and first-rate performance both on and off-road.



1\_ CERTIFICATE OF AUTHENTICITY + DEDICATED KIT BOX CONTAINING: TERMIGNONI TITANIUM EXHAUST SILENCER (EURO 5 + USA APPROVED) - CARBON EXHAUST END CAP AND HEAT SHIELD - DEDICATED MOTORCYCLE COVER - CERTIFICATE OF AUTHENTICITY

2\_ EDI ORIOLI'S ORIGINAL SIGNATURE

3\_ LIMITED EDITION PLATE, 500 UNITS

4\_ TITANIUM TERMIGNONI SILENCER

5\_ CARBON EXHAUST PROTECTION DETAIL

6\_ WET MULTI-PLATE CLUTCH, COUNTER ROTATING CRANKSHAFT AND BALANCE SHAFT









***TECHNICAL*** INFORMATION



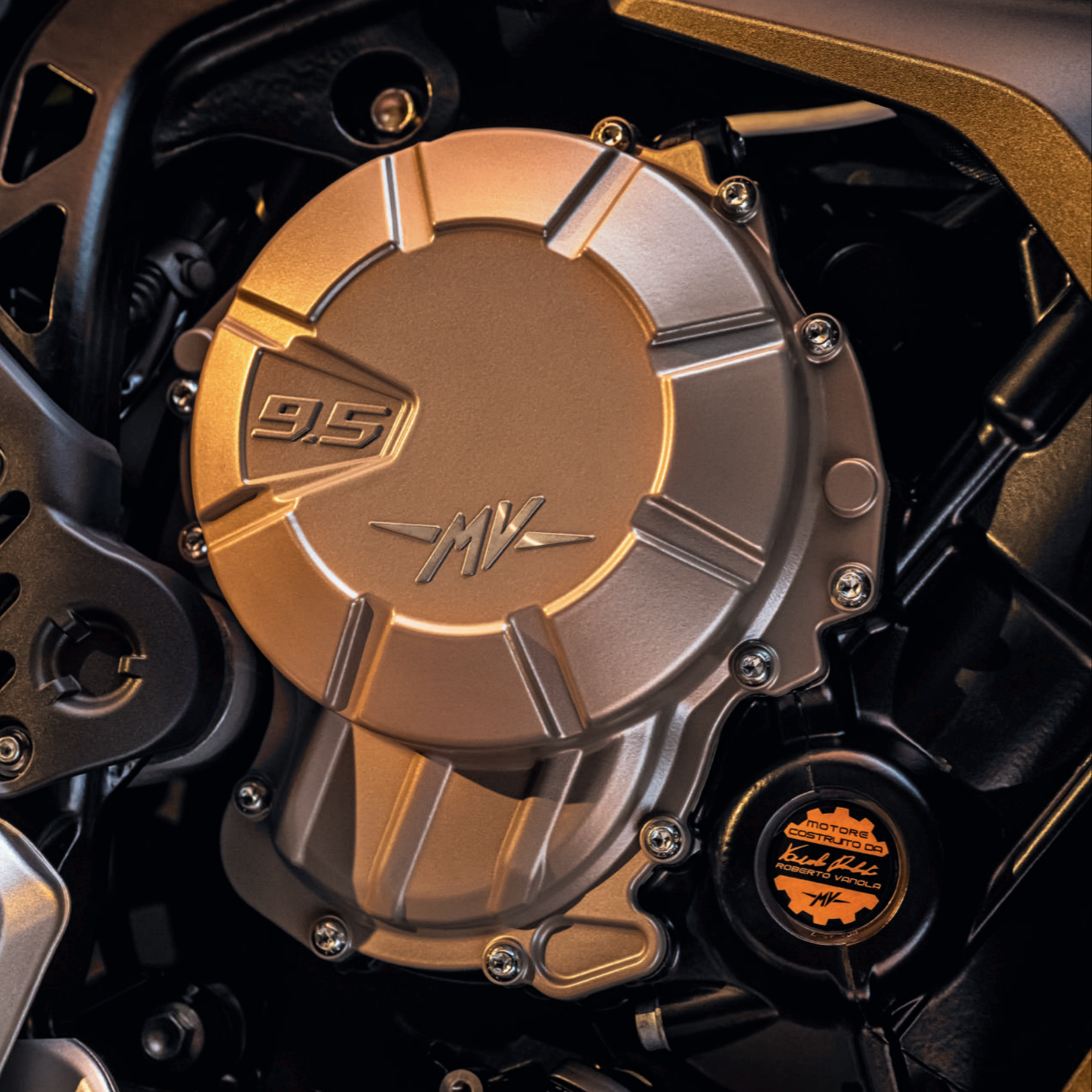


## ***RIDE BY WIRE*** THE PERFECT FEELING

Present across all models, the new Ride by Wire electronic twist grip with 6° counter rotation drastically improves throttle sensation, for more intuitive and immediate motorcycle control. This is also thanks to new control algorithms, further refined to offer supersport levels of reactivity without being overly brusque. In its new configuration, the throttle control, together with the new control management, allows the rider to deactivate cruise control by simply closing the throttle (rather than having to brake, as was previously the case).







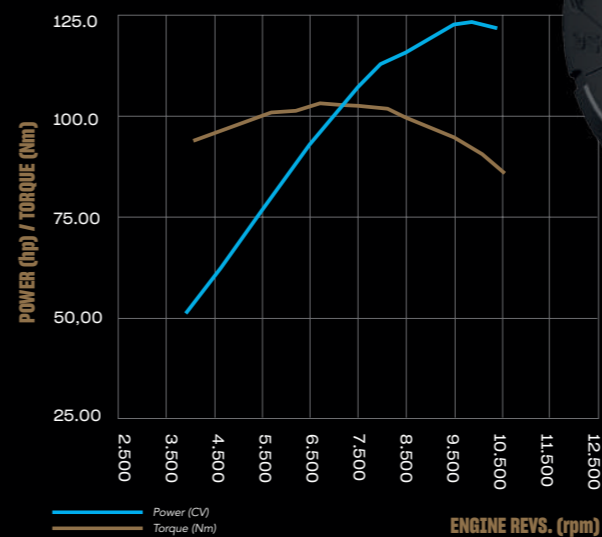
# POWERED BY A *NEW GENERATION* 3-CILINDER ENGINE

The new LXP ORIOLI's 3-cylinder engine embodies MV Agusta's obsession to develop the most advanced technical solutions:

- **CYLINDER HEAD WITH HIGH THERMAL EFFICIENCY WATER CIRCUIT**
- **SINTERED VALVE SEATS AND GUIDES WITH HIGH HEAT TRANSFER COEFFICIENT**
- **PISTONS WITH BRIDGE-BOX DESIGN FORGED FROM HIGH-STRENGTH ALUMINUM ALLOY**
- **COUNTER-ROTATING CRANKSHAFT TO FACILITATE RAPID CHANGE OF BIKE DIRECTION AND LOAD ON THE FRONT TYRE DURING ACCELERATION**
- **MULTI-BORE TYPE CRANKCASE AND CONNECTING ROD BEARINGS WITH REDUCED FRICTION COEFFICIENT**
- **ROBUST STARTER SYSTEM WITH HIGH-POWER STARTER MOTOR**
- **HYDRAULICALLY ACTUATED CLUTCH WITH 10 FRICTION PLATES**
- **DOHC TIMING WITH DLC COATED CAM FOLLOWERS FOR REDUCED ENGINE FRICTION**
- **HIGH PERFORMANCE EXHAUST SYSTEM AND SILENCER WITH INTERATED ELECTRONICALLY CONTROLLED EXHAUST VALVE**
- **EASY ACCESS REMOVABLE GEARBOX**
- **PREMIUM PERFORMANCE: 124 HP @10.000 RPM / 102 NM @7.000 RPM**
- **EURO 5 HOMOLOGATION**



## POWER & TORQUE







# THE *MV RIDE APP* CONNECTED BIKE

MV Ride App is the simple, intuitive solution that provides access to a multitude of functions. The application allows MV Agusta owners to customise the riding experience. A totally new level of connectivity between rider and machine. The most popular functions allow the user to change the set-up, modify the control parameters and monitor bike behaviour.



## *CONNECTED BIKE*

- MV RIDE APP INTERFACE FOR IOS AND ANDROID OPERATING SYSTEMS
- TURN-BY-TURN NAVIGATION
- DATA ACQUISITION AND TRIP RECORDING:
  - GPS ROUTE DATA
  - THROTTLE, LEAN ANGLE, GEAR AND SPEED DATA
  - PHOTO GEOLOCALIZATION AND VISUALIZATION
- TRIP SHARING WITH FRIENDS AND FAMILY
- CUSTOM MAP MANAGEMENT
- INTEGRATED GPS MODULE
- INTEGRATED BLUETOOTH MODULE
- INTEGRATED WIFI MODULE FOR DASHBOARD SOFTWARE UPDATES



ENGINE

SAFETY

SETTING

CUSTOM MAP MANAGEMENT





## TECHNICAL DATA



### LXP ORIOLI

#### ENGINE

Type	Three cylinders, 4 stroke, 12 valves
Total displacement	931 cm <sup>3</sup> (96.8 cu. in.)
Bore x stroke	81 mm x 60.2 mm (3.19 in. x 2.37 in.)
Max. power - rpm (at the crankshaft)	91 kW (124 hp) at 10.000 rpm
Max. torque - rpm	102 Nm (10.4 kgm) at 7.000 rpm
Electronic quick shift	MV EAS 4.0 (Electronically Assisted Shift Up & Down)
Clutch	Wet, multi-disk hydraulic clutch

#### DIMENSIONS AND WEIGHT

Wheelbase	1.610 mm (63.39 in.)
Overall length	2.360 mm (92.91 in.)
Overall width	980 mm (35.58 in.)
Saddle height	850/870 mm (33.46/34.25 in.)
Min. ground clearance	230 mm (9.05 in.)
Trail	118 mm (4.64 in.)
Dry weight	224 kg (493.84 lbs.) - 220 kg (485.00 lbs.)**
Fuel tank capacity	20 l (5.28 U.S. gal.)

#### PERFORMANCE

Maximum speed* - Acceleration*	230 km/h (143 mph) 0-100 km/h in 3.72 s
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#### FRAME

Type	Double beam frame structure, composed by high-tensile steel pipes and forged components. Bolt on double cradle.
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Rear swing arm pivot plates material	Trellis structure, composed by high-tensile steel pipes.
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#### FRONT SUSPENSION

Type	Sachs "UPSIDE DOWN" telescopic hydraulic fork with rebound - compression damping and spring preload external and separate adjustment.
Fork dia.	48 mm (1.89 in.)
Wheel travel	210 mm (8.27 in.)

#### REAR SUSPENSION

Type	Progressive link, Sachs monoshock with rebound, compression and spring preload adjustable hydraulics.
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Single sided swing arm material	Aluminium die cast twin sided swing arm
Wheel travel	210 mm (8.27 in.)

#### BRAKES

Front brake	Double floating disc with Ø 320 mm (Ø 12.6 in.) diameter, with steel braking disc and flange
Front brake caliper	Radial-type monobloc Brembo Stylema caliper, with 4 pistons Ø 30 mm (Ø 1.18 in.)
Rear brake	Single steel disc with Ø 265 mm (Ø 10.43 in.) dia
Rear brake caliper	Brembo with 2 pistons - Ø 265 mm (Ø 10.4 in.)

ABS System	Continental MK100 with RLM (Rear Wheel Lift-up Mitigation) and with cornering function
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#### WHEELS/TYRES

Front: material/size	Spoked, tubeless, with aluminium hub and rim Takasago Excel 2,15"x 21" - 90/90 - 21M/C (54 Q)
Rear: material/size	Spoked, tubeless, with aluminium hub and rim Takasago Excel 4"x 18" - 150/70 - B 18 M/C (70 Q)

#### FAIRING

Material	Thermoplastic
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#### CONTENTS

Included accessories	TFT 7" Full HD Dashboard - Bluetooth and Wi-Fi connectivity - Cruise control - Launch control - 8 level Traction Control - GPS sensor - Immobilizer - Full led headlight with DRL - Full led tail light - Racing sump guard - Chassis crash bar - CNC wheel hubs - MV Ride app with turn by turn navigation system, engine and vehicle setup - Mobisat anti-theft system with geolocation Aluminium side bags (32/39 l. - 8.45/10.30 gal.)
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#### DEDICATED KIT \*\*

	Dedicated LXP Orioli kit box, containing: Termignoni titanium exhaust silencer (Euro 5 and USA approved) - Carbon exhaust end cap and heat shield - Dedicated motorcycle cover Certificate of authenticity (Limited Series)
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#### EMISSIONS

Environmental Standard	Euro 5
Combined fuel consumption	5.6 l/100 km
CO <sub>2</sub> Emissions	130 g/km



WOODEN DEDICATED KIT BOX WITH CERTIFICATE OF AUTHENTICITY

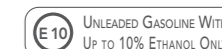
NEW  
COLOR '23



LXP ORIOLI: RC PEARL WHITE (GLOSS)/ MATT METALLIC CARBON BLACK (GLOSS)



VERSION WITH DEDICATED KIT



\*Speed attained on closed course  
\*\*Version with dedicated kit





# COMPONENTS

	LXP ORIOLO
DEDICATED KIT	•
FULL LED HEADLIGHT	•
FULL LED HEADLIGHT WITH CORNERING FUNCTION	•
SCS 3.0 - SMART CLUTCH SYSTEM	•
LAUNCH CONTROL (LC)	•
TRACTION CONTROL (TC)	•
FRONT LIFT CONTROL (FLC)	•
CRUISE CONTROL & SPEED LIMITER	•
ABS WITH CORNERING FUNCTION	•
RLM - REAR WHEEL LIFT-UP MITIGATION	•
MVICS 2.1 - MV INTEGRATED CONTROL SYSTEM	•
MV EAS 4.0	•
TWIST GRIP WITH COUNTER ROTATION	•
COUNTER BALANCE SHAFT - COUNTER SHAFT	•
RIDE BY WIRE	•
GPS SENSOR	•
MV RIDE APP	•
MOBISAT ANTI-THEFT WITH GEOLOCATION	•
ADJUSTABLE SEAT HIGHT	•
SIDE PANNIERS	•
REDUCED VERSION - 35 KW	•







Motorcycle Art

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