



Motorcycle Art
SINCE 1945

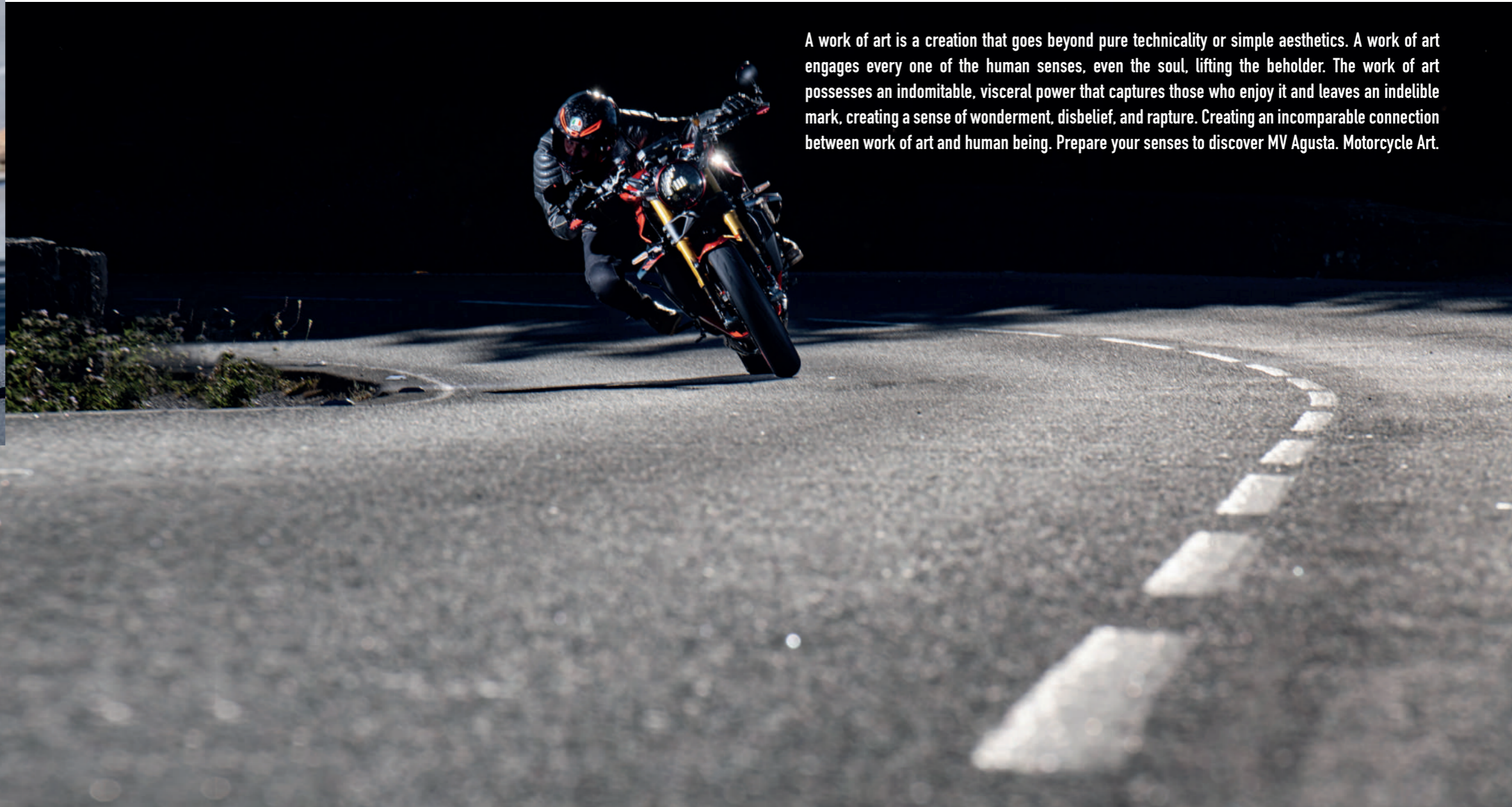


RUSH



MV AGUSTA THE ART OF THE SENSES

A work of art is a creation that goes beyond pure technicality or simple aesthetics. A work of art engages every one of the human senses, even the soul, lifting the beholder. The work of art possesses an indomitable, visceral power that captures those who enjoy it and leaves an indelible mark, creating a sense of wonderment, disbelief, and rapture. Creating an incomparable connection between work of art and human being. Prepare your senses to discover MV Agusta. Motorcycle Art.



RUSH
TECHNICAL INFORMATION

01
07

RUSH



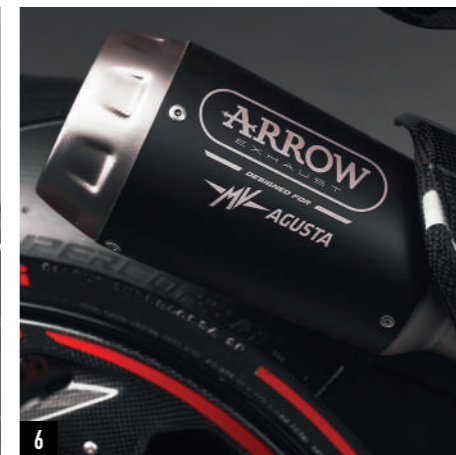
RUSH
CARESSES THE ORIGINAL SIN

RUSH RACING KIT

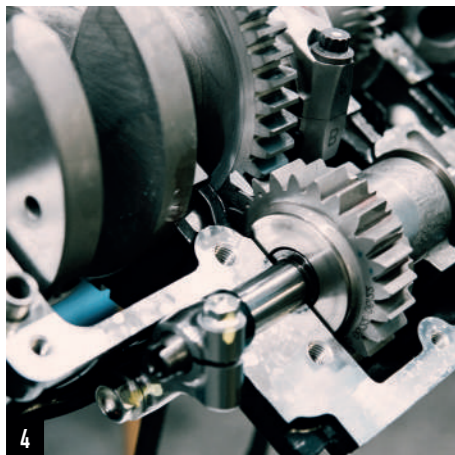


TRUE *SIN* IS NOT HAVING DREAMS

Specific style choices highlight the uniqueness of the idea behind Rush, an irresistible and revolutionary Hypernaked for those who embrace innovation. The only production motorcycle in the segment to flaunt radial valves and titanium rods and a top speed in excess of 300 km/h. Rush lays down the law thanks also to MotoGP Replica levels of performance. And it takes no prisoners when it comes to acceleration. Complete with traction and launch control, Rush competes with the very best supersport models as it sets out to win and *caress* every dream of glory. Produced for just 300 lucky customers.



- 1_ DEDICATED RACING KIT BOX + CERTIFICATE OF AUTHENTICITY
- 2_ LIMITED EDITION PLATE. 300 UNITS
- 3_ 5.5" TFT DISPLAY DETAIL WITH ALUMINIUM DASHBOARD/LIGHT SUPPORT CREATED WITH SLM (SELECTIVE LASER MELTING) AND ÖHLINS EC STEERING DAMPER
- 4_ ÖHLINS NIX EC FRONT SUSPENSION, STANCHIONS WITH TIN COATING + FOUR-PISTON BREMBO STYLEMA BRAKE CALIPER
- 5_ ALCANTARA SEAT AND CARBON RACING TAIL FAIRING COVER
- 6_ TITANIUM ARROW RACING EXHAUST (FOR ROAD USE)



- 1_ FULL LED HEADLIGHT WITH CORNERING FUNCTION
- 2_ THROTTLE CONTROL WITH COUNTER ROTATION (SEE PAGE 9) + LAUNCH CONTROL
- 3_ PIRELLI DIABLO SUPERCORSA TYRES AND CARBON LENTICULAR REAR WHEEL COVER)
- 4_ NEW COUNTERSHAFT GROUP, REDUCES VIBRATION BY 54%
- 5_ FULLY ADJUSTABLE ÖHLINS EC TTX REAR SUSPENSION
- 6_ MV EAS 3.0 ELECTRONIC QUICK SHIFT
- 7_ FORGED RIDER FOOTPEGS
- 8_ AERODYNAMIC ELEMENT DETAIL



WATCH THE VIDEO!



4	CYLINDERS	TOTAL DISPLACEMENT (cm ³)	MAX. POWER - RPM (hp)	MAXIMUM SPEED (km/h)	DRY WEIGHT (kg)	RACING KIT	MV EAS 3.0	LAUNCH CONTROL	FRONT LIFT CONTROL	SCS (SMART CLUTCH SYSTEM)	FORK SLEEVE WITH TREATMENT	ABS CORNERING	RIDE BY WIRE	COUNTER-BALANCE SHAFT	MV RIDE APP	GPS SENSOR	CRUISE CONTROL	MOBISAT ANTI-THEFT SYSTEM	LIMITED EDITION
		998	208 - 212**	OLTRE 300*	186 - 184**	•	•	•	•	-	TIN	•	•	•	•	•	•	•	300 UNITS



* Top speed attained on closed course.
 ** Racing kit with Arrow exhaust and ECU map version.



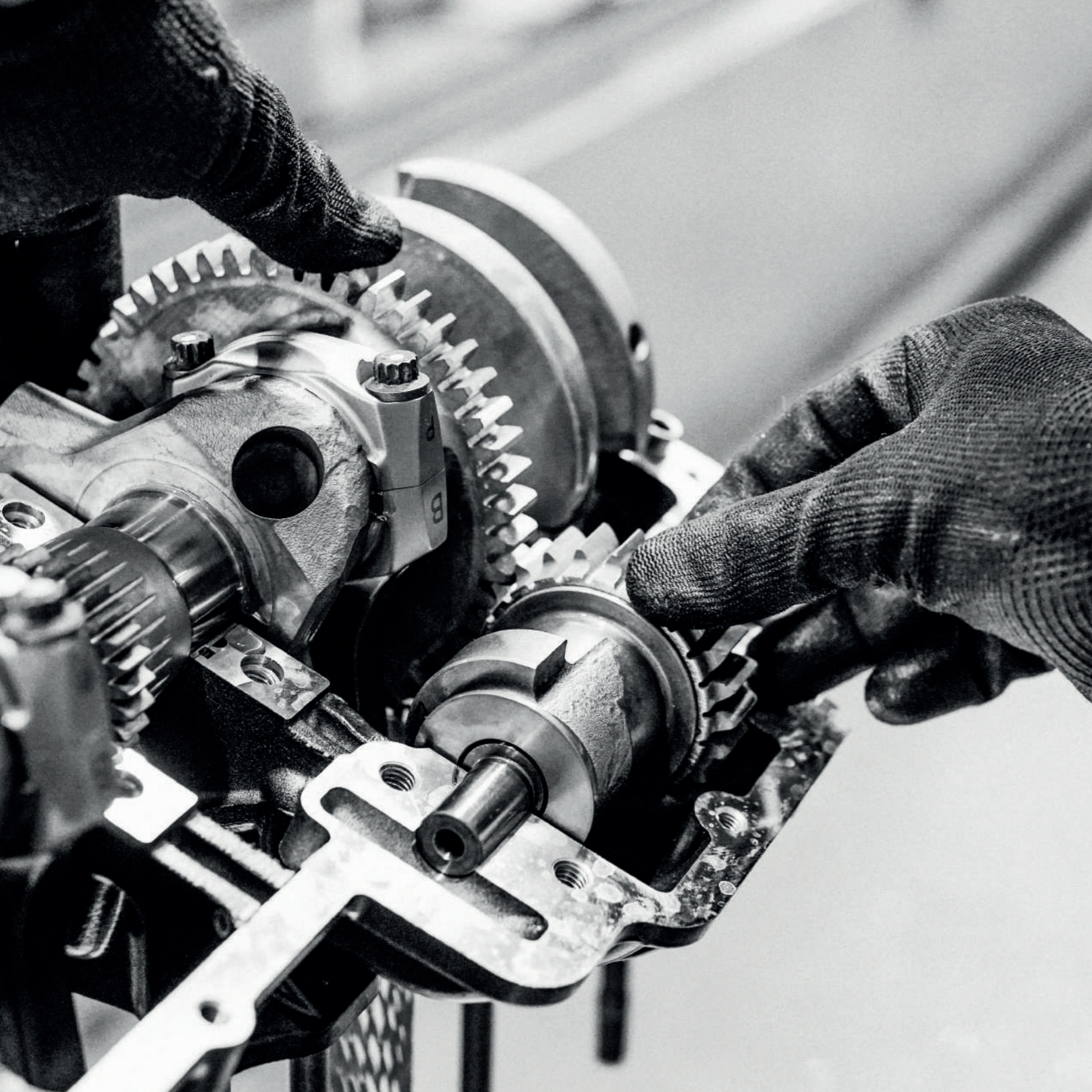
TECHNICAL INFORMATION



RIDE BY WIRE THE PERFECT FEELING

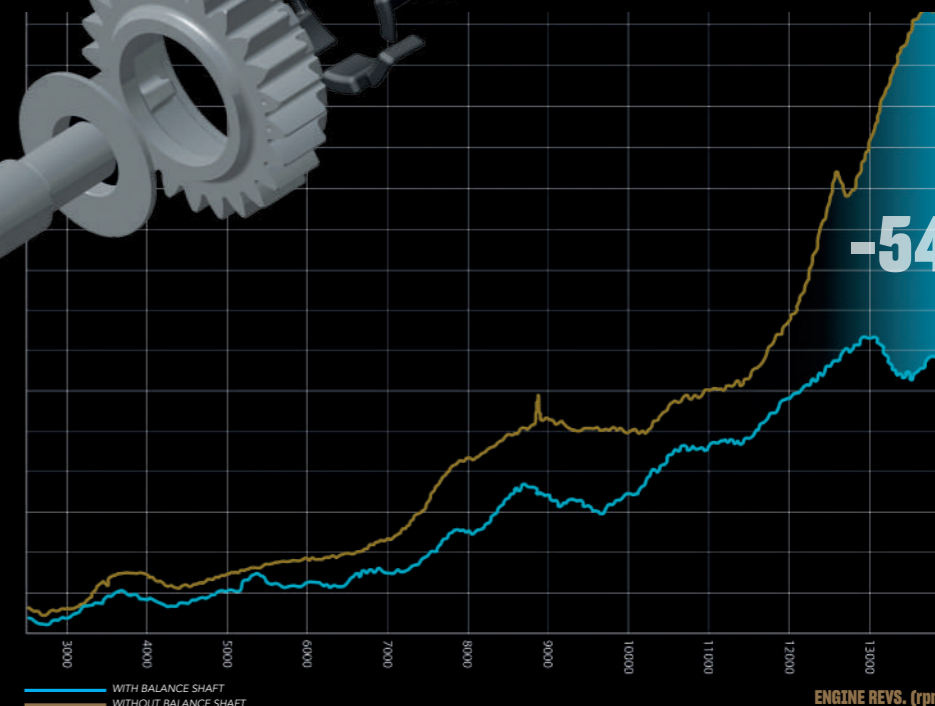
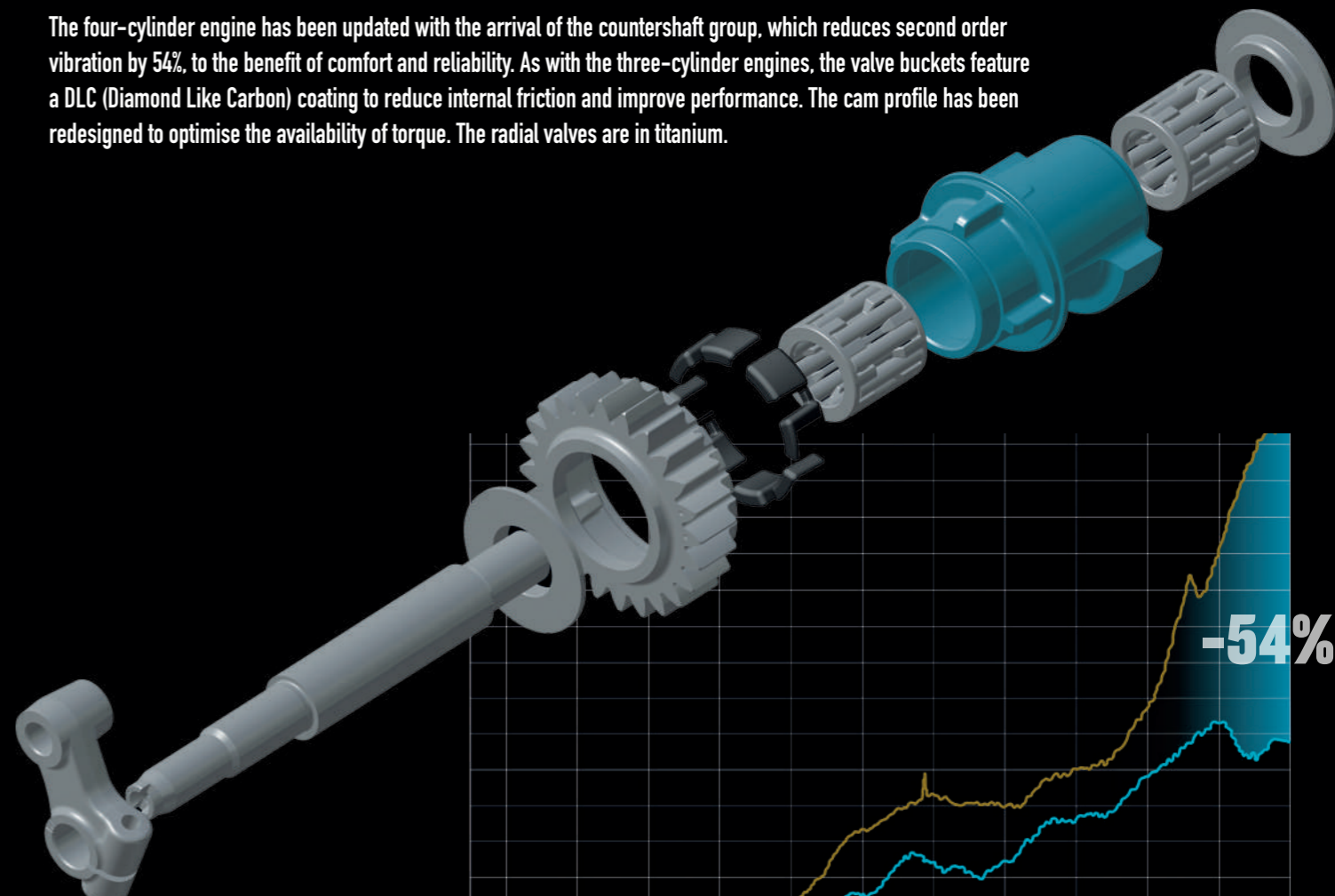
Present across all models, the new Ride by Wire electronic twist grip with 6° counter rotation drastically improves throttle sensation, for more intuitive and immediate motorcycle control. This is also thanks to new control algorithms, further refined to offer supersport levels of reactivity without 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).





COUNTER BALANCE SHAFT THE GOOD VIBRATION

The four-cylinder engine has been updated with the arrival of the countershaft group, which reduces second order vibration by 54%, to the benefit of comfort and reliability. As with the three-cylinder engines, the valve buckets feature a DLC (Diamond Like Carbon) coating to reduce internal friction and improve performance. The cam profile has been redesigned to optimise the availability of torque. The radial valves are in titanium.



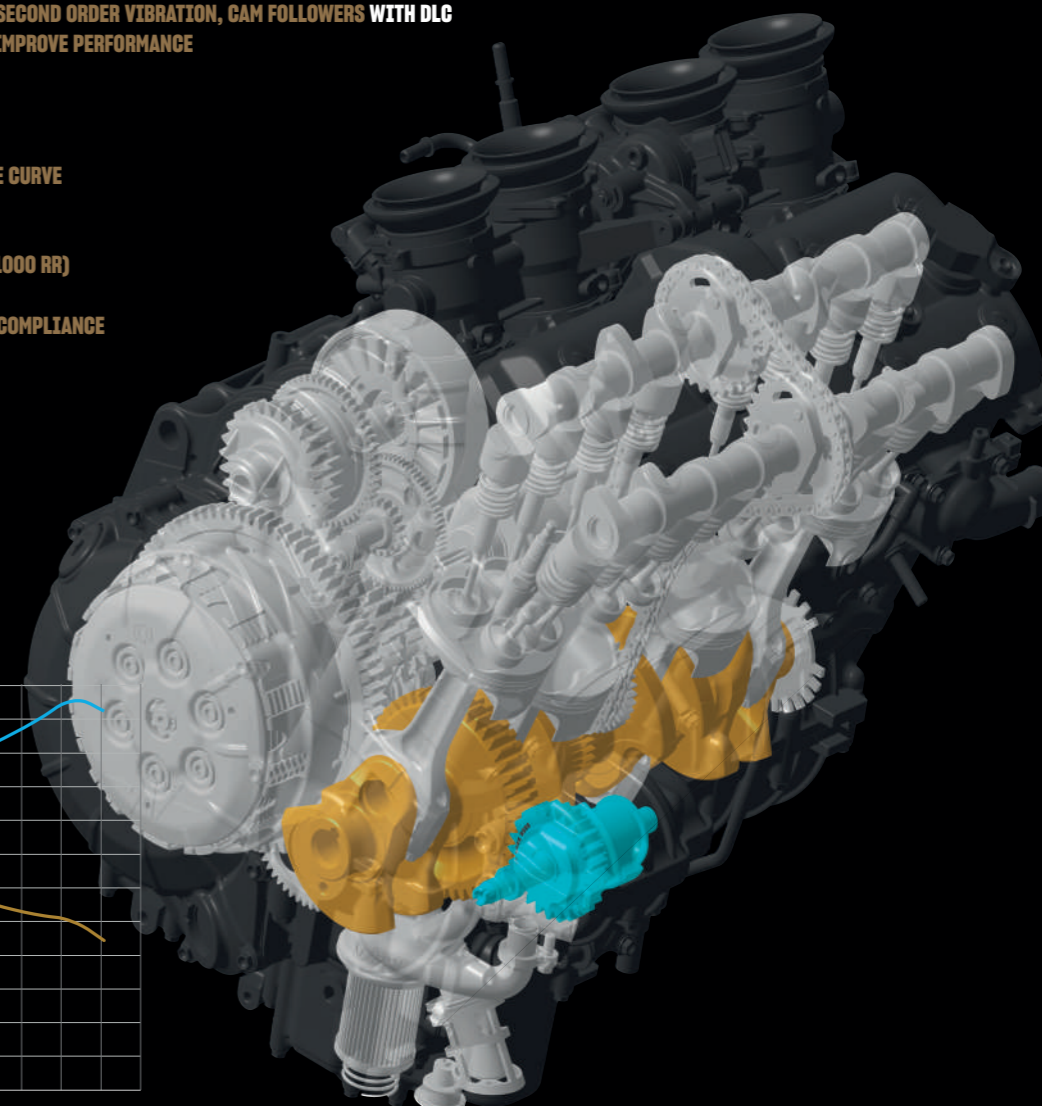
-54%



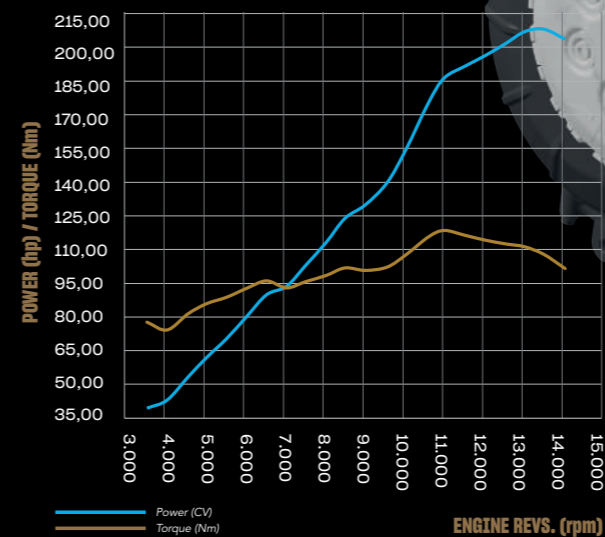
ENGINE 4 CYLINDERS THE HEART

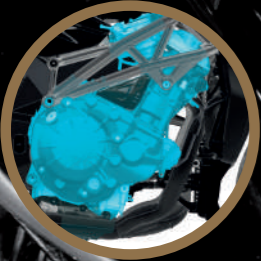
Every four-cylinder engine conceals real passion for the most advanced technology:

- NEW ENGINE WITH COUNTERSHAFT TO REDUCE SECOND ORDER VIBRATION, CAM FOLLOWERS WITH DLC COATING TO REDUCE INTERNAL FRICTION AND IMPROVE PERFORMANCE
- TITANIUM PISTON RODS
- 16 RADIALLY POSITIONED TITANIUM VALVES
- CAM PROFILE TIMING TO OPTIMISE THE TORQUE CURVE
- UPDATED EXHAUST MANIFOLD
- CARBON FIBRE ENGINE PROTECTION (BRUTALE 1000 RR)
- BETTER OPERATION AND RELIABILITY, IN FULL COMPLIANCE WITH EURO 5 REGULATIONS



POWER & TORQUE





ENGINE



SAFETY



SETTING

CUSTOM MAP MANAGEMENT

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



TECHNICAL DATA



RUSH LIMITED EDITION

ENGINE

Type	Four cylinders, 4 stroke, 16 valves, with countershaft
Total displacement	998 cm ³ (60.9 cu. in.)
Bore x stroke	79 mm x 50.9 mm (3.1 in. x 2.0 in.)
Max. power - rpm (at the crankshaft)	153.0 kW (208 hp) at 13.000 rpm - 156.0 kW (212 hp) at 13.600 rpm**
Max. torque - rpm	116.5 Nm (11.9 kgm) at 11.000 rpm
Electronic quick shift	MV EAS 3.0 (Electronically Assisted Shift Up & Down)
Clutch	Wet, multi-disk with back torque limiting device and Brembo radial master cylinder/lever assembly

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* - Acceleration*	over 300 km/h (186 mph) 0-100 km/h in 3.15 s 0-200 km/h in 8.30 s
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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 fork 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.)
Wheel travel	120 mm (4.72 in.)

REAR SUSPENSION

Type	Progressive, Öhlins EC TTX single shock absorber 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 master cylinder/lever assembly
Front brake caliper	Brembo Stylema radial-type monobloc, single-piece with 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 master cylinder
Rear brake caliper	Brembo with 2 pistons Ø 34 mm (Ø 1.34 in.)
ABS System	Continental MK100 with RLM (Rear Wheel Lift-up Mitigation) and with cornering function

WHEELS/TYRES

Front	Aluminium alloy spoked wheel 3.50" x 17" - 120/70 - ZR 17 M/C (58 W)
Rear	Forged aluminium alloy 6.00" x 17" - 200/55 - ZR 17 M/C (78 W) with carbon fiber cover

FAIRING

Material	Carbon fiber and thermoplastic material
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CONTENTS

Steering damper	Öhlins EC with electronic manual and automatic adjustment modes
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Carbon components

	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
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Exclusive features

	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 geolocation - CNC Rider's footpegs with adjustable height - Sprocket Z15 - Raised semi-handlebars - Alcantara "comfort" seat - Aluminium dashboard cover
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RACING KIT **

	Customized Racing Kit box containing: Arrow Titanium racing exhaust silencer 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)
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EMISSIONS

Environmental Standard	Euro 5
Combined fuel consumption	6.8 l/100 km
CO ₂ Emissions	158 g/km



RUSH RACING KIT BOX

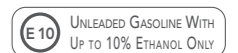
NEW
COLOR '23



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



RUSH: WITH RACING KIT**



*Speed attained on closed course
**Racing kit version, with exhaust and ECU map



COMPONENTS

	<i>RUSH</i>
RACING KIT	•
FULL LED HEADLIGHT	•
FULL LED HEADLIGHT WITH CORNERING FUNCTION	•
FRONT FORK WITH TIN COATING	•
FRONT FORK WITH DLC COATING	•
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	•
MVCSC - MV CHASSIS STABILITY CONTROL	•
MV EAS 3.0	•
TWIST GRIP WITH COUNTER ROTATION	•
COUNTER BALANCE SHAFT - COUNTER SHAFT	•
RIDE BY WIRE	•
GPS SENSOR	•
MV RIDE APP	•
MOBISAT ANTI-THEFT WITH GEOLOCATION	•
SADDLEBAGS	•
REDUCED VERSION - 35 KW	•

