

**aprilia®**

**TUONO V4  
R**

**TUONO V4  
R APRC**



**ONE HEART**  
**TWO SOULS**





## DOUBLE PERSONALITY

RSV4 AND TUONO V4, THE SUPERSPORT BIKE WHICH WON THE WORLD SBK CHAMPIONSHIP AND THE UNBEATABLE APRILIA NAKED, ARE THE TWO SOULS OF A ONE-OF-A-KIND ENGINE.



The new Tuono V4, more than just a Superbike with its high handlebar, is born to make the most demanding and thrill seeking rider's fantasies come true every day. Unrivalled in the ferocious power of the engine, the feline riding agility and the aggressive look which brings the shining frame into full view. Also available with the exclusive APRC® system so you can have the technology which conquered two World Superbike Championship titles at your fingertips on the road.



TUONO V4





## INCREDIBLE POWER

167 CV: NEVER BEFORE HAS SO MUCH POWER AND TORQUE BEEN INSTALLED ON A SPORTS NAKED. AN EXPLOSIVE RESULT, ACHIEVED THANKS TO THE RECONFIGURATION OF THE 65° V4 ENGINE: THE MOST INNOVATIVE AND HIGHEST PERFORMANCE ENGINE EVER CREATED BY APRILIA FOR USE ON THE TRACK, OPTIMISED TO DOMINATE THE ROAD AND CIRCUIT ALIKE. THE RIDE-BY-WIRE SYSTEM CONFIGURATION IS ALSO NEW, WHICH ALLOWS THE RIDER TO CHOOSE FROM THREE DIFFERENT MAPPINGS WITH A SIMPLE COMMAND ON THE HANDLEBAR. THE "TIGHT" V ARCHITECTURE OF THE ENGINE ALSO PROVIDES AN EXTREMELY SMALL SIZE FOR A FOUR CYLINDER, ALL TO THE ADVANTAGE OF BALANCE AND HANDLING.

## V465°



**TUONO V4**

### ADVANCED ELECTRONICS

The Multimap Ride-by-Wire technology offers endless possibilities in controlling the power delivery, with the possibility to change « character » of the bike, selecting one of the three mapping available on the handlebar:

**T TRACK** No compromise. 167 HP of power available at the slightest twist of the throttle.

**S SPORT** Fun on the road. Smooth delivery, full power.

**R ROAD** Use in any condition. Smooth delivery and power reduced by 25%.



**TUONO**  
**V4R**



## EXTREME AGILITY

THE CHASSIS, ONE OF APRILIA'S STRONG POINTS, EXPRESSES A LEVEL OF ABSOLUTE PRECISION IN THIS NAKED SUPERSPORT. FROM THE FRAME TO THE SUSPENSION TO THE BRAKES, EVERY ELEMENT COMBINES TO GENERATE AN ASTONISHING AGILITY AND CONTROL WHILE DEVOURING TURNS AND STRAIGHT STRETCHES ALIKE. THE ALL-NEW ALUMINIUM WHEELS AND THE NEW, LIGHTWEIGHT EXHAUST ENHANCE THE BIKE'S AGILITY AND POWER. MADE WITH PAINSTAKING CARE, FULLY ADJUSTABLE FOR AN ENVIABLE SET-UP, IN SYNCH WITH EVERY CONDITION AND RIDING STYLE, TUONO V4 R TRANSFORMS EVERY SECOND OF RIDING INTO AN EXTRAORDINARY EXPERIENCE.

### HIGH RIGIDITY FRAME

The frame is a master piece of technology, exposed, made with cast and pressed elements, according to the best Aprilia tradition. It expresses an exceptional level of torsional and bending rigidity for millimetre precision control and a complete feeling in every situation.

### RACING SUSPENSION

Sachs upside down front fork with 43 mm stanchions for reduced friction, Sachs shock absorber with adjustable "Piggy Back" nitrogen canister to adapt to any type of ride: the best technologies for the best riders.

### RACING BRAKES

Derived directly from the racing world, the Brembo brake system with radial callipers and 320 mm floating discs at the front (220 mm at the rear) ensures unrivalled braking power.

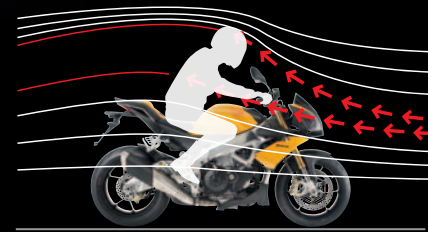




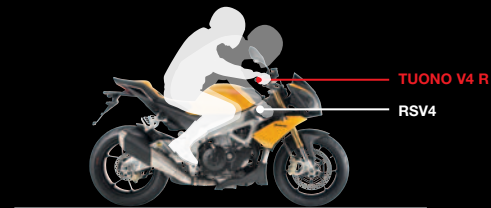
# AGGRESSIVE DESIGN

THE TUONO V4 R DESIGN FOCUSES ON PURE STYLE AND UNBRIDLED AGGRESSIVENESS IN A BIKE WHICH IS READY TO CHALLENGE THE ROADS AND RIVALS AT FIRST GLANCE. THE NEW FIXED TOP FAIRING, IN ADDITION TO ENSURING MAXIMUM STABILITY OF AERODYNAMIC PROTECTION, SHOWS OFF A TAPERED PROFILE WITH POLYELLIPTICAL HEADLIGHTS INSERTED LIKE TWO PENETRATING EYES. ITS NAKED BODY IS INSPIRED UNMISTAKABLY BY THE WORLD SUPERBIKE CHAMPION WITH DETAILS WHICH ARE CONSIDERED TO BE AMONG THE BEST EXAMPLES OF RECENT ITALIAN MOTORCYCLE DESIGN: FROM THE SADDLE TO THE FUEL TANK, FROM THE SIDE PANELS TO THE FRONT, ENHANCED BY TECHNOLOGICAL LED DAYLIGHT RUNNING LIGHTS.

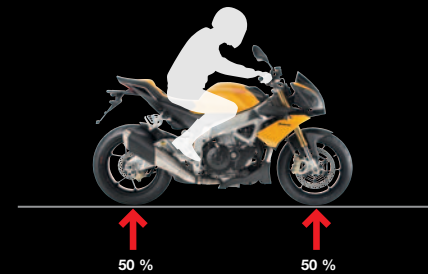
AERODYNAMICS



RIDER COMFORT



WEIGHT DISTRIBUTION



TUONO V4 R





# FORMIDABLE CONTROL

APRC (APRILIA PERFORMANCE RIDE CONTROL)®: THIS IS THE NAME OF THE NEW GENERATION DYNAMIC CONTROL SYSTEM WHICH ALLOWS THE RIDER TO SURPASS ALL LIMITS IN RIDING PLEASURE WITH INCREDIBLY INTUITIVE MANAGEMENT. IN FACT, SIMPLY USE A BUTTON AND JOYSTICK ON THE HANDLEBAR TO CONTROL THE ENGINE POWER AND TRACTION TO YOUR TASTE, INTEGRATING FOUR DIFFERENT FUNCTIONS:

- ATC** (Aprilia Traction Control) = maximum traction to eat up turns
- AWC** (Aprilia Wheelie Control) = wheelie control during acceleration
- ALC** (Aprilia Launch System) = lightning fast starts
- AQS** (Aprilia Quick Shift) = gear change without using the clutch or closing the throttle

## ROAD



## RACE



**TOTAL CONTROL**  
The AWC and ALC systems are set up from the instrument panel menu, using the “mode” button on the left of the handlebar. The ATC system can be set to one of the eight available settings at any time, with the throttle open, from a user-friendly joystick on the left of the handlebar.

The digital display offers two different screens that hold the most significant information for road and track use, respectively:  
**ROAD** shows speed on the foreground plus indications of engine mapping and ATC setting, shift position, trip counter, temperature and clock.  
**RACE** highlights lap timer, shift position, engine mapping and ATC setting.



**AWC** TOTAL CONTROL UNDER ACCELERATION



MODE BUTTON  
AND JOYSTICK  
ATC SETTING



APRILIA  
PERFORMANCE  
RIDE  
CONTROL®



**ATC** MAXIMUM TRACTION IN TURNS



**AQS** GEAR CHANGE MEASURED IN MILLISECONDS



**TUONO V4R**



## WINNING ACCESSORIES

MAKE YOUR TUONO V4R EVEN MORE UNIQUE AND EXCITING BY CHOOSING FROM A RANGE OF ACCESSORIES CREATED EXCLUSIVELY FOR YOUR BIKE IN ORDER TO LET YOU EXPERIENCE ALL OF THE EXCITEMENT AND PERFORMANCE OF THE WORLD SBK CHAMPIONSHIP ON THE TRACK OR THE ROAD.

From the Akrapovic racing exhaust, to the Öhlins racing shock absorbers, from the aluminium footrests machined from the billet, to the ultralight carbon fibre parts, from the service stand to the breathable bike cover, to the tank cover and bag in carbon-look fabric... and much more!

Discover all of the Aprilia accessories on the website  
[www.aprilia.com](http://www.aprilia.com)



COMPLETE AKRAPOVIC RACING EXHAUST



AKRAPOVIC SLIP-ON E3 EXHAUST KIT



RACING TRANSMISSION KIT

FORGED WHEEL RIMS



ADJUSTABLE FOOTPEGS

PARTS IN BILLET ALUMINIUM



ÖHLINS RACING FORK UPSIDE-DOWN

ÖHLINS TTX36 SHOCK ABSORBER

ÖHLINS STEERING DAMPER




PARTS IN CARBON

TANK COVER & BAG







 The riders in the photographs are professionals and the images of the bikes were taken on a track or road closed to traffic, with the bikes not equipped with rear-view mirrors, turn indicators and license plate holder, which are supplied as standard and compulsory for road circulation.

SUNLIT YELLOW



COMPETITION BLACK



WING GREY



Engine type	Aprilia 4 longitudinal 65° V4 cylinder, 4-strokes, liquid cooling system, double overhead camshaft (DOHC), four valves per cylinder
Fuel	Unleaded petrol
Bore and stroke	78 x 52.3 mm
Total engine capacity	999.6 cc
Compression ratio	13:1
Max. power at crankshaft	167.3 CV (123 kW) at 11,500 rpm
Max. torque at crankshaft	111.5 Nm at 9,500 rpm
Induction system	Airbox with front dynamic air intakes. 4 Weber-Marelli 48-mm throttle bodies with 4 injectors and latest generation Ride-by-Wire engine management. Choice of three different engine maps selectable by the rider with bike in motion: T (Track), S (Sport), R (Road)
Ignition	Magneti Marelli digital electronic ignition system integrated in engine control system, with one spark plug per cylinder and “stick-coil” type coils
Starter	Electric
Exhaust	4 into 2 into 1 layout, single oxygen sensor, lateral single silencer with ECU-controlled bypass valve and integrated trivalent catalytic converter (Euro 3)
Alternator	Flywheel mounted 420 W alternator with rare earth magnets
Lubrication	Wet sump lubrication system with oil radiator and two oil pumps (lubrication and cooling)
Transmission	6-speed cassette type gearbox: 1 <sup>st</sup> : 39/15 (2,600), 2 <sup>nd</sup> : 33/16 (2.063), 3 <sup>rd</sup> : 34/20 (1,700), 4 <sup>th</sup> : 32/22 (1,455), 5 <sup>th</sup> : 34/26 (1,308), 6 <sup>th</sup> : 33/27 (1,222). Gear lever with Aprilia Quick Shift electronic system (AQS) on APRC version
Clutch	Multiplate wet clutch with mechanical slipper system
Primary drive	Straight cut gears and integrated flexible coupling, drive ratio: 73/44 (1,659)
Secondary drive	Chain: Drive ratio: 42/16 (2,625)

Traction control on specific APRC version
Chassis
Front suspension
Rear suspension
Brakes
Wheel rims
Tyres
Dimensions (default settings)
Dry weight
Tank

APRC System (Aprilia Performance Ride Control), which includes Traction Control (ATC), Wheelie Control (AWC), Launch Control (ALC), all of which can be configured and deactivated independently.

Aluminium dual beam chassis with pressed and cast sheet elements.

Sachs steering damper

Sachs upside down front fork with Ø 43 mm stanchions. Forged aluminium calliper mountings for radial callipers. Completely adjustable spring preload and hydraulic compression and rebound damping. Wheel travel: 120 mm

Double braced aluminium swingarm; mixed low thickness and sheet casting technology. Sachs piggy back monoshock with completely adjustable: spring preload and hydraulic compression and rebound damping.

APS progressive linkage. Wheel travel 130 mm

Front: Dual 320 mm floating stainless steel discs with lightweight stainless steel rotor with 6 studs. Brembo radial callipers with 4 Ø horizontally opposed 32 mm pistons. Sintered pads.

Axial pump master cylinder and metal braided brake hoses.

Rear: 220-mm diameter disc; Brembo floating calliper with two Ø 32 mm isolated pistons.

Pump with integrated tank and metal braided hose

Cast aluminium wheels with 3 split spoke design.

Front.: 3.5”X17”    Rear: 6.00”X17”

Radial tubeless.

Front: 120/70 ZR 17

Rear: 190/55 ZR 17 (alternative: 190/50 ZR 17; 200/55 ZR 17)


Max. length: 2065 mm. Max. width: 800 mm (at the handlebar).

Max. height: 1090 mm. Min. height from the ground: 125 mm.

Saddle height: 835 mm. Wheelbase: 1445 mm Trail: 107.5 mm. Steering angle: 25°


183 kg (Declared dry weight, without battery and fluids)

17 litres (4-litre reserve included)

 TUONO V4 R R is an environmentally friendly vehicle compliant with Euro 3 regulations for exhaust and noise emissions.

Drive safely always wearing a helmet and protective clothing. Observe the laws of the road and respect the environment. Carefully read the owners’ handbook. Photographs, technical data, specifications and colours shown in this brochure refer to the Italian market version and may be subject to change without prior notice. Ask your official Aprilia dealers for full details. In order to maintain your machine in a safe and efficient manner, always demand official Aprilia Spare Parts, which are guaranteed by Aprilia Quality Service in respect of current legislation. E & O E. Aprilia offers Aprilia Road Assistance, a call centre available 24 hours a day for information and road rescue. E. & O.E. Aprilia reserves the right to change colour/ specification without prior notice.



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Your nearest dealer:





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