

TUONO V4 1100 RR SPECIFICATIONS

APRILIA	TUONO V4 1100 RR
ENGINE TYPE	65° V4, DOHC, 4 VALVES PER CYLINDER, LIQUID COOLED, 4 STROKE
BORE AND STROKE	81 X 52.3 MM
CAPACITY	1077 CC
COMPRESSION RATIO	13.5:1
POWER	175 HP (129 KW) AT 11,000 RPM
TORQUE	121 NM AT 9,000 RPM
FUEL SYSTEM	RAM AIR TYPE AIRBOX. 4 DELL'ORTTO 48-MM THROTTLE BODIES WITH 4 MARELLI INJECTORS AND LATEST GENERATION RIDE-BY-WIRE ENGINE MANAGEMENT. MULTIPLE ENGINE MAPS SELECTABLE BY THE RIDER WITH BIKE IN MOTION: T (TRACK), S (SPORT), R (RACE)
IGNITION	MAGNETI MARELLI DIGITAL ELECTRONIC IGNITION SYSTEM INTEGRATED IN ENGINE MANAGEMENT, ONE SPARK PLUG PER CYLINDER AND STICK COILS.
STARTER	ELECTRIC
EXHAUST	4 INTO 2 INTO 1 LAYOUT, SINGLE OXYGEN SENSOR, SINGLE SILENCER WITH ECU-CONTROLLED BYPASS VALVE AND INTEGRATED CATALYTIC CONVERTER (EURO 3)
ALTERNATOR	FLYWHEEL MOUNTED 450W ALTERNATOR WITH PERMANENT MAGNETS
LUBRICATION	WET SUMP LUBRICATION SYSTEM WITH OIL COOLER AND TWO OIL PUMPS (1X LUBRICATION AND 1X COOLING)
TRANSMISSION	6-SPEED CASSETTE TYPE GEARBOX 1ST: 39/15 = 2.60:1 2ND: 33/16 = 2.063:1 3RD: 34/20 = 1.700:1 4TH: 32/22 = 1.455:1 5TH: 34/26 = 1.308:1 6TH: 33/27 = 1.222:1 EQUIPPED WITH AQS APRILIA QUICK SHIFT
CLUTCH	MULTI PLATE WET CLUTCH WITH MECHANICAL SLIPPER SYSTEM
PRIMARY DRIVE	STRAIGHT CUT GEARS RATIO: 44/73 = 1.65:1
SECONDARY DRIVE	CHAIN: DRIVE RATIO: 15/42 = 2.8:1
RIDER ASSIST	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
CHASSIS	ALUMINIUM PERIMETER FRAME
FRONT SUSPENSION	UPSIDE-DOWN Ø 43 MM SACHS FORKS. COMPLETELY ADJUSTABLE SPRING PRELOAD AND HYDRAULIC COMPRESSION AND REBOUND DAMPING. FORGED ALUMINIUM FEET FOR RADIAL CALLIPER MOUNTING. WHEEL TRAVEL: 110 MM
REAR SUSPENSION	DOUBLE BRACED ALUMINIUM SWINGARM. SACHS MONOSHOCK. COMPLETELY ADJUSTABLE: COMPLETELY ADJUSTABLE SPRING PRELOAD AND HYDRAULIC COMPRESSION AND REBOUND DAMPING. WHEEL TRAVEL: 130 MM.
FRONT BRAKES	DUAL Ø 320MM ROTORS, DUAL 4 SPOT BREMBO MONOBLOCK CALIPERS. STAINLESS STEEL BRAIDED BRAKE LINES. BREMBO RADIAL MASTER CYLINDER.
REAR BRAKES	SINGLE Ø 220MM ROTOR, SINGLE BREMBO 2 SPOT OPPOSED PISTON CALIPER. STAINLESS STEEL BRAIDED BRAKE LINES.
ABS	BOSCH, 3 WAY BRAKE MAPPING INCORPORATING RLM. THE SYSTEM MAY ALSO BE SWITCHED OFF.
WHEEL RIMS	CAST ALUMINIUM WHEELS WITH 3 SPLIT SPOKE DESIGN. FRONT: 3.5"X17" REAR: 6.00"X17"
TYRES	RADIAL TUBELESS FRONT: 120/70 ZR 17 REAR: 190/55 ZR 17
DIMENSIONS	SADDLE HEIGHT: 825 MM TRAIL: 99.7 MM STEERING ANGLE: 24.7°
DRY WEIGHT	184 KG
TANK	18.5 LITRES (4-LITRE RESERVE INCLUDED)