

RSV4 FW - GP

Electronic system – Race lightweight version, simplified and without ABS system. Brake system equipped with simplified tubes kit.

Dedicated bike and engine harness. APX logic unit developed by Aprilia Racing, fully reprogrammed as for example in the ignition and engine control parameter. Electronic assistance for up and down shifting (Blipper). Hand terminal included (*to set the strategy and bike parameters*), GPS sensor, race buttons and light lithium battery. Digital TFT and color Dashboard that allows to see the main engine parameters.

Data recording – Data acquisition system that allows to log the original sensors fitted into the bike, like Demand, RPM, water temperature, front and rear speed, roll and pitch angles. It is possible also to acquire the optional sensors allowed in the international FIM rules. With the bike will be delivered a licenses for one year of the software "ABM base" (*to manage and analyze data*) and for the software "ARES" (*to manage and set the APX*).

Main specs of the APX logic unit:

1. Allows to modify or create new maps for ignition and injection.
2. Easy setting of bike parameters and strategy tuning by hand terminal or software.
3. Sensors diagnostics.
4. Includes setting and strategy to increase the performances of the bike, together with the riders requirements and the characteristics of the circuit. E.g.:
 - *Setting of RPM limiter for each speed.*
 - *Setting of Pit lane speed limiter.*
 - *ETC (electronic demand control)*
 - *VTP (setting of trumpet position).*
 - *TCS (traction control).*
 - *ADAPTATIVE TCS (adaptive traction control on track changing conditions)*
 - *DISTANCE BASED (strategy parameters based on different sectors/curves)*
 - *ENGINE BRAKING (engine braking setting of each speed).*
 - *POWER REDUCTION (power reduction setting of each speed).*
 - *WHEELIE CTRL*
 - *LAUNCH CTRL*
 - *ANTIJERK CTRL.*
 - *Blipper*
 - *Lap time*

Engine Prepared by the technicians of Aprilia Racing with MotoGP specifications.

Maximum power: More than 250 HP at the main shaft.

Pneumatic valves.

Dry clutch with back-torque limiter.

Removable gearbox cassette

Exhaust – Akrapovic Racing Tit.

Aprilia Racing S.r.l.

Società con unico azionista
Direzione e Coordinamento
IMMSI S.p.A.

Sede legale

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Sede operativa

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Cap. soc. €250.000,00 int.vers.

Reg. Imprese Pisa e
Cod. fiscale 01880941206
P.IVA 01596290500
REA di Pisa 139413

Front suspension - Ohlins Racing FGR300. Triple clamps with adjustable offset.

Rear suspension - Aluminum Under-arm swing arm with ± 25 mm adjustment range. Ohlins shock absorber TTX GP

Front brake - 336mm dual stainless steel disc "T" drive. Brembo Racing 30-34 monoblock radial calipers with 4 opposing pistons. Sintered pads.

Rear brake - Single disc DP218

Chassis and accessories - SBK with steering axle and swingarm pivot adjustment

Cooling system - high performance water and oil coolers

Front wheel - 3.5x17" aluminum ultra-light forged rim

Rear wheel - 6.0x17" aluminum ultra-light forged rim

Fairings and seat holder - Structural carbon fibre

Fuel tank - Aluminum light weight with high capacity (22.5l)

Colour scheme - Colour scheme can be personalized according to the clients request

Prezzo: 160.000 euro *iva esclusa (EXW Noale)*

IMPORTANT

USE: To use this bike on circuit it is necessary the support of Aprilia racing.

Warranty: No components of these models are covered by warranty.

Public roads usage ban: These motorbikes and their components have been designed just for racing championships, therefore registration documents will not be provided. It is strictly forbidden to use this motorbike on public road.

All information and technical data here mentioned could be subject to change without notice.

SALE CONDITIONS

Delivery: To define. At least 60 working days after order confirmation.

Terms: EXW Aprilia Racing (Noale, Venice - Italy).

Payment: Bank transfer. 20% at the time of the order, the balance before the collection of the bike.

Contacts:

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