

# **Specifications at Page Number 3**

This PDF was downloaded on 20th April, 2021 from: https://www.tvsmotor.com/tvs-apache/Apache-RTR-200-4V





All-new Apache RTR 200 4V with first-in-class Ride Modes #EngineeredToAdapt











The TVS Apache RTR 200 4V with Ride Modes and SmartXConnect heralds the future of the Apache RTR Series, with best-in-class technologies that push the limits of performance. Its Race Tuned Fuel Injection engine (RT-Fi) delivers consistently blistering performance in any race condition and the three ride modes adapt the bike to any situation with the touch of a button.

### THREE RIDE MODES

The 3 ride modes give the racer the power to adapt to any race condition with just a press of the dedicated ride mode switch. Each mode uniquely primes the machine's engine and ABS response for optimal race performance.



#### **URBAN MODE**

Tame the concrete jungle with ease, with linear acceleration and deceleration. The Urban mode delivers controlled movement and is designed to deliver ultimate riding comfort at low and mid speed operation. The ABS is optimised for a quick response with minimal lever pulsation while cutting through the streets.



#### RAIN MODE \_\_\_\_/

Power through the elements with a sharp ABS response with a strong lever pulsation feel that instils confidence even in the most slippery and unforgiving conditions. The ABS is triggered to quickly come into effect, delivering a sharp response that gives the racer superior control.



#### SPORT MODE

Unleash the race machine with maximum power, while the ABS is optimised to give the racer total control. The engine is primed to deliver sharp acceleration at all levels of speed, with aggressive mid and high-speed operation and a high-thrust launch right from the first twist of the throttle.



#### Race Derived O3C Engine with RT-Fi\_\_\_

The TVS Apache RTR 200 4V gets a 197.75cc, 4-valve, oil-cooled engine with patented Race Derived O3C, that churns out max power of 20.8 PS. The machine s powered by Race Tuned Fuel Injection (RT-Fi) technology that enables enhanced power delivery and fuel economy, mproved engine durability and refinement with better emission control. The system ensures consistent performance across all race conditions. The engine races to life with an all-new Feather Touch start technology.



#### Racing Origin Split Cradle Synchro Stiff Chassis

Carve up the track with total control at high speeds and precision in tight corners.



#### Race-Tuned SHOWA Monoshock

Stay balanced through every corner, with a floating piston shock absorber that delivers precision-tuned compression and rebound damping. The Monoshock has been tuned for stiffness, to deliver an enhanced racing experience.





#### High Performance Radial Tyre

The Eurogrip Protorq SR racing spec radial rear tyre provides increased control and stability to conquer corners with ease.



#### Racing Double-Barrel Exhaust

The double-barrel exhaust produces the signature racy Apache exhaust note that's music to a racer's ears.

### FIRST-IN-SEGMENT FEATURES

#### **Dual-Channel ABS with RLP**

The dual-channel ABS with Rear wheel Lift-off Protection (RLP) control enables superior braking with precise feedback and recovery from wheel lock. The bike now gets improved and sharper braking performance.



#### RT Slipper Clutch

The Race Tuned Slipper Clutch allows for rapid downshifts and upshifts, reduces the clutch force by almost 22% and prevents wheel hop.



### Glide Through Technology

A first-in-segment feature that allows the vehicle to glide with a slow release of the clutch and no throttle operation, enabling smooth and controlled movement in dense traffic.



#### Race Tuned Adjustable SHOWA Suspension \_

A racer must adapt their approach to any terrain, and the first-in-class adjustable suspension allows for that. The preload can be adjusted to soft for comfort riding, or made stiffer for an aggressive racing style meant for tearing up the track. These adjustments can be easily done without the need for additional tools, enabling adaptability on the go.



#### Adjustable Levers

The ergonomically designed first-in-class adjustable brake and clutch levers feature CAM adjusters with 3-step adjustment for optimal comfort. The levers can be easily adjusted without any additional tools.



### AGGRESSIVE STYLING



### Refreshed Racing Aesthetics

With all-new racing decals, graphics and aggressively styled headlamp, this race machine has an unmistakable presence. The bike now also comes with new Matte Blue colour inspired by our One Make Championship (OMC) race bikes.



### Aggressive Claw Styled LED Headlamp

Aggression meets functionality with the high-intensity LED positioned lamps with a unique fang design.

### **SmartXConnect**



#### Dedicated Info / Control Switch

The handlebar switch offers an instant and easy interface between the racer and the TVS SmartXConnect system.



### Race Telemetry

The TVS SmartXConnect app records a number of race parameters and specific race data that the racer can easily analyse.



## Turn-by-Turn Navigation

The TVS SmartXConnect is enabled with a trip and tour mode. The directions are displayed on the console and the system is pre-programmed with essential stops such as fuel stations, hospitals and restaurants.



### Call / SMS Alert

Riders can press the dedicated info switch to display and control cellular notifications on the console.



### Low Fuel Warning and Assist

When the bike is low on fuel, pressing the info switch will automatically redirect the rider to the nearest petrol station.



#### Crash Alert System

This unique safety feature is triggered when the machine senses a fall. The system enters crash alert mode and notifies the rider's emergency contacts with the crash location within 180 seconds.



# TVS APACHE RTR 200 4V BS-VI SPECIFICATIONS

#### **ENGINE**

Type SI, 4 stroke, Oil Cooled, Fi

197.75 cm<sup>3</sup> **Engine Capacity** 

Maximum Power Sport Mode: 15.32 kW @ 9000 rpm (20.8 PS)

Urban / Rain Mode: 12.74 kW @ 7800 rpm (17.3 PS)

Maximum Torque Sport Mode: 17.25 Nm @ 7250 rpm

Urban / Rain Mode: 16.51 Nm @ 5750 rpm

**Fuel Supply System** Fuel Injection: Bosch-Closed Loop

**Number of Valves** 4 Valves **Electric Start** Startina

 $0.1 \, \text{kW/kg}$ Power to Weight Ratio Oil Cooler with Ram Air Assist Cooling System Muffler Twin Pipe and Twin Barrel Design

Clutch Wet Multi Plate-Slipper Clutch with 5 Plate

Gearbox 5 Speed Gearbox **Rear Suspension** Mono Tube-Mono Shock

Frame Double Cradle Split Synchro Stiff Frame Front Suspension Telescopic Forks with Preload Adjuster

#### FUEL TANK CAPACITY

12 I Full

#### DIMENSION

Height 1050 mm

2020 mm (Without Mud Flap) / Length

2050 mm (With Mud Flap)

Width 790 mm Wheelbase 1353 mm **Ground Clearance** 180 mm 800 mm Saddle Heiaht

#### **ELECTRICAL**

**Battery** 12V, 8Ah VRLA

Headlamp AHO LED Headlamp With LED Position Lamp

Tail Lamp **LED 2.5 W** 

**TYRE** 

TVS 90/90-17 49P Tubeless Tyre (Front) Tyre (Rear) TVS Eurogrip 130/70 R17 M/C 62P

Tubeless (Radial)

**BRAKE** 

Front Disc (270 mm Petal Type) Rear Disc (240 mm Petal Type)

Brake Fluid DOT 3 / DOT 4

**WEIGHTS** 

Kerb Weight 152 kg

**PERFORMANCE** 

Max speed Sport Mode: 127 km/h

Urban / Rain Mode: 105 km/h

#### **AVAILABLE COLOURS**







Above specifications are certified as per DS-VI vehicle norms.





















