



# All New 2020 TVS Apache RTR 160 4V

PERFORMANCE EVOLUTION **#RTRevolution**

Race-tuned fuel injection | New race graphics | New LED headlamp

**Apache**

RTR **160 4V**

**RACING DNA UNLEASHED**



**RACING AHEAD  
OF THE CURVE,  
ONE REVOLUTION AT A TIME.**



The all-new TVS Apache RTR 160 4V is yet another powerful entry in the line of TVS Apache race machines. With an imposing track presence and an all-new Race Tuned Fuel Injection, this machine is a testament to the future of this cutting edge race machine.

## **ULTIMATE PERFORMANCE**



### **Race Tuned Fuel Injection**

The TVS Apache RTR 160 4V is powered by a Race Tuned Fuel Injection (RT-Fi) system that enables enhanced power delivery and fuel economy, improved engine durability, better emission control, and limitless racing thrills. The system ensures consistent power delivery and performance across all terrains and conditions. The new engine is also equipped with a feather touch start system.



### **Glide Through Technology**

A first-in-segment feature that allows the vehicle to move with just a slow release of the clutch and no need to operate the throttle, enabling smooth and controlled movement.



### **Racing Double-Barrel Exhaust**

The double-barrel exhaust rapidly expels gases from the combustion chamber, increasing horsepower while producing a racier, signature exhaust note that's music to a racer's ears.

# RAZOR-SHARP HANDLING



## Patented Racing Synchro Stiff Chassis

*The unique Double Cradle Split Synchro STIFF Chassis provides increased stiffness for sharp cornering.*

## SUPER-MOTO ABS



*Developed and tested on the track, the system provides ultimate braking control while allowing sharp feedback. The precise system to keep your braking and cornering, razor-sharp.*

## STREETFIGHTER STYLING



## Race Tuned SHOWA Monoshock

*The compression and rebound damping have been precision tuned on the race track along with experts from SHOWA - Japan. The setup gives racers confidence while carrying higher cornering speeds.*



## Imposing LED Headlamp

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

## Refreshed Racing Aesthetics



*The TVS Apache 160 4V continues to race ahead of the curve in terms of performance, and it shows. With all-new racing decals, graphics, a dual-tone seat, and an aggressively styled headlamp, this race machine has an unmistakable presence on the track.*

## Digital Racing Console



*The high-tech race computer records lap time, top speed and the 0-60 km/h time.*

# TVS APACHE RTR 160 4V BS VI SPECIFICATIONS

Figures highlighted in red indicate RTR 160 4V disc Variant

## ENGINE

Type	SI, 4 stroke, Oil cooled
Engine capacity	159.7 cm <sup>3</sup>
Cylinder arrangement	Single
Maximum Power	11.78 kW @ 8250 rpm (16.02 PS @8250 rpm)
Maximum Torque	14.12 Nm @ 7250 rpm
Fuel injection	Bosch - Closed loop
Valve per cylinder	4 valves
Starting	Electric start
Idle speed	1600 ± 200 rpm
Ignition	Mapped ignition system
Power to weight Ratio	0.08 kW/kg
Compression ratio	10.0 : 1
Air filter	Viscous paper filter
Cooling system	Oil cooler with ram air assist
Muffler	Twin pipe and twin barrel design
Clutch	Wet multi plate clutch
Gear box	5 speed gear box
Rear Suspension	Mono Shock
Frame	Double cradle Split Synchro Stiff Frame
Front Suspension	Telescopic Fork

## WHEEL AND TYRE

Tyre (Front)	90/90-17 49P Tubeless (or) 90/90-17 M/C 49S Tubeless
Tyre (Rear)	110/80-17 57P Tubeless <b>130/70-17 M/C 62P Tubeless</b> <b>(or) 130/70-17 M/C 62S Tubeless</b>

## BRAKE

Front	270mm dia Petal Disc
Rear	130mm dia Drum / <b>200mm dia Petal Disc</b>
Brake Fluid	DOT 3 / DOT 4

## WEIGHTS

Kerb Weight	147 kg / <b>149 kg</b>
Max payload	130 kg

## PERFORMANCE

Max speed	114 km/h
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## FUEL TANK CAPACITY

Full	12 l
Reserve	2.5 l

## DIMENSION

Height	1050 mm
Length	2035 mm
Width	790 mm
Wheelbase	1357 mm
Ground Clearance	180 mm
Saddle Height	800 mm

## ELECTRICAL

Battery	12V, 8Ah MF
Headlamp	AHO LED Headlamp with LED position lamp
Tail Lamp	LED

Above specifications are certified as per  vehicle norms.

## AVAILABLE COLOURS >



RACING RED



METALLIC BLUE



KNIGHT BLACK



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