

TVS Apache RTR 160 4V SPECIFICATIONS

Figures highlighted in red indicate RTR 160 4V rear disc variant

ENGINE

Type	SI, 4 stroke, Oil cooled
Engine capacity	159.7 cm ³
Cylinder arrangement	Single
Maximum Power	16.5 PS @ 8000 rpm
Maximum Torque	14.8 Nm @ 6500 rpm
Carburettor type	UCAL, CV
Valve per cylinder	4 valves
Starting	Electric & Kick start
Idle speed	1500 ± 200 rpm
Ignition	Inductive Discharge Ignition (IDI)
Power to weight Ratio	0.12 PS/kg / 0.11 PS/kg
Compression ratio	10.15 ± 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

FUEL TANK CAPACITY

Full	12 l
Reserve	2.5 l

DIMENSION

Height	1050 mm
Length	2050 mm
Width	790 mm
Wheelbase	1357 mm
Ground Clearance	180 mm
Saddle Height	800 mm

ELECTRICAL

Battery	12V, 6Ah MF
Headlamp	AHO LED Headlamp with LED position lamp
Tail Lamp	LED



WHEEL AND TYRE

Tyre (Front)	90/90-17 Tubeless
Tyre (Rear)	130/70-17 Tubeless Radial

BRAKE

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

WEIGHTS

Kerb Weight	143 kg / 145 kg
Max payload	130 kg

PERFORMANCE

Max speed	113 km/h
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AVAILABLE COLOURS >



RACING RED



METALLIC BLUE



KNIGHT BLACK



TVS MOTOR COMPANY

TVS Motor Company Limited,
P.B. No.4, Harita, Hosur - 635 109
Tamil Nadu, India.
Tel: +91 (4344) 276780.
Fax +91 (4344) 276878 / 277311.

TVS *Racing*

TVS



Fuel Injection / ABS vehicle image used for illustrative purposes only.

PERFORMANCE EVOLUTION **#RTRevolution**

Presenting the 2020 TVS Apache RTR 160 4V

SMART XCONNECT | 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, this machine is a testament to the future of cutting edge race technology.



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SMARTXONNECT



Race telemetry

Through the course of the race, the TVS SmartXonnect app records a number of race parameters so that the racer can easily scroll through the telemetry and pick out specific race data.



Turn-by-turn Navigation

The TVS SmartXonnect is enabled with a single trip as well as a tour mode, where multiple stops can be plotted. The directions are displayed on the console. The system is also pre-programmed with essential stops such as fuel stations, hospitals and restaurants.



Call/SMS alert

The TVS SmartXonnect system displays an incoming call or SMS on the console. Riders can press the dedicated info switch and the caller will receive an immediate notification.



Dedicated info/control switch

This handlebar switch offers an instant and easy interface between the racer and the TVS SmartXonnect system.



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.



Lean angle mode

The system uses the gyroscopic sensor on the phone to record the racer's lean angle. The level of lean is displayed on the racing console while the app records the in-depth angle of lean.

ULTIMATE PERFORMANCE



INMRC Championship Winning Engine

The Oil-cooled 4 Valve, short stroke racing engine produces 16.5 PS @ 8000 rpm**. The power plant is derived from the 7-time INMRC winning RTR 165 prototype.



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.



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.

STREETFIGHTER STYLING



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.

RAZOR-SHARP HANDLING



SUPER-MOTO ABS*

Developed and tested on the track, the system provides ultimate braking control while allowing sharp feedback. The precise single channel ABS keeps your braking and cornering, razor-sharp.



Patented Racing Synchro Stiff Chassis

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

*In applicable models only.
**In ideal conditions only.