

ENGINE	
Type	SI, 4 stroke, Air cooled, SOHC, Fuel Injection
Engine Capacity	159.7 cm ³
Maximum Power	Sport : 11.8 kW (16.04 PS) @ 8750 rpm Urban/ Rain : 9.8 kW (13.32 PS) @ 8000 rpm
Maximum Torque	Sport : 13.85 Nm @ 7000 rpm Urban/ Rain : 12.7 Nm @ 6500 rpm
Fuel Supply System	Fuel Injection
Number of Valves	2 valves
Starting	Electric Start
Power to weight Ratio	Drum: 0.0861 kW/kg Disc: 0.0855 kW/kg
Cooling System	Air cooled
Gearbox	5 speed gear box
Rear Suspension	Monotube Inverted Gas filled shox (MIG) with spring aid
Frame	Double cradle Synchro Stiff
Front Suspension	Telescopic forks

FUEL TANK CAPACITY

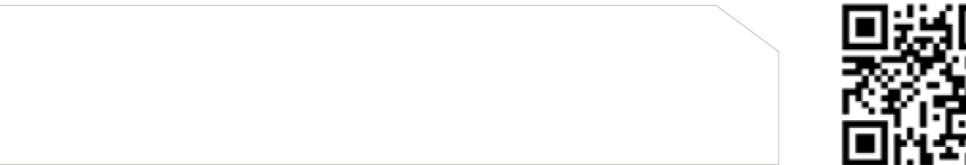
Full	12 L
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DIMENSIONS

Height	1105 mm
Length	2085 mm
Width	730 mm
Wheelbase	1300 mm
Ground Clearance	180 mm
Saddle Height	790 mm

AVAILABLE COLORS

Above specifications are certified as per **BS-VI** vehicle norms.



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#TVSApacheSeries      Visit www.tvsapache.com

TVS *Racing*



Apache
RTR 160
RACING DNA UNLEASHED

AFTER A DECADE
OF BEING
THE RACER'S FAVORITE,
NOW THERE'S
A REASON
TO ADMIRE
IT MORE.

For over ten years the TVS Apache RTR 160 has been a mainstay on the track, pushing the boundaries of performance. Now the iconic race machine is reengineered for the racers of today.

It's the first in its class to be equipped with ride modes, making the already formidable performance machine, even more cutting edge. The iconic styling now gets more aggressive, with distinct LED headlamp and tail lamp. While the flared tank design and angular cowls, offer aerodynamic superiority and track presence.



EVERY APACHE
IS BORN
OF A RACING GENE

The racing DNA of the TVS Apache stems from TVS Racing, India's first factory racing team. Since 1982, we have dominated tracks around the world, racking up championships in Road racing, Rallies, Motocross and Supercross.

The team boasts of a 90% win rate and that excellence is engineered into every TVS Apache.

TVS *Racing*

SMART XCONNECT WITH VOICE ASSIST

The TVS Apache RTR 160 features three unique ride modes that enable your race machine to adapt to any condition with the press of a button. Switching modes triggers changes in the engine and ABS response to ensure optimal race performance.

The all-new LCD Display with SmartXonnect, enabled with bluetooth connectivity and voice assist uses a unique pairing with your smartphone to display race telemetry, navigation, and more.



CALL/ SMS ALERT

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



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



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.



TURN-BY-TURN NAVIGATION

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



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 160 seconds.



FIRST-IN-CLASS RIDE MODES



Urban Mode

The urban mode delivers smooth and controlled movement, enabling you to cut through dense traffic with ease. The linear acceleration & deceleration enables comfortable low & mid-speed operation. The ABS is optimised for a quick response with minimal lever pulsation, giving you the confidence to cut through the trees.



Sport Mode

This mode unleashes the full power of your race machine, to take on the highway. The ABS is optimised to give you total control, with the engine primed to deliver sharp, aggressive acceleration at all levels of speed. This mode also permits your machine to deliver a high-thrust launch right from the first twist of the throttle.



Rain Mode

Power through any storm with this mode, which ensures a sharp ABS response with strong lever pulsation. This is still confidence even in the most slippery, unforgiving conditions.

This sharp ABS braking response also gives you superior control on muddy surfaces.



SPORT MODE	URBAN MODE	RAIN MODE
TOP SPEED	TOP SPEED	TOP SPEED
ABS RESPONSE	ABS RESPONSE	ABS RESPONSE

ALL-NEW
RACE STYLING



ALL-NEW LED TAIL LAMP

The LED tail lamp has an imposing design, engineered to intimidate as you take the lead on the race track.

IMPOSING NEW LED HEADLAMP

The all-new LED Headlamp has been designed to intimidate while delivering superior luminosity. The classic design of the 'Beast Eyes' gets a contemporary twist. The always-on LED position lamp is ready to take on the track.



BOLD NEW GRAPHICS

Bold and unmistakable, the race-inspired graphics make a statement on the track.

ALL-NEW RACE
STYLING

ALL-NEW RACING
POWER



RACE TUNED
FUEL INJECTION
ENGINE



RT-Fi
RACE TUNED FUEL INJECTION

The all-new TVS Apache RTR 160 is powered by the BS-VI Race Tuned Fuel Injection (RT-Fi) technology. The intelligent system has optimized the engine, so that racers can experience the ultimate performance from the engine in any race condition.

The race derived engine is developed with a short stroke set up for lightning fast acceleration.

The engine delivers intense torque and the high revving nature at the top end translates to greater racing speeds.

GTT
GLIDE THROUGH TECHNOLOGY

GLIDE THROUGH
TECHNOLOGY

This first-in-segment feature allows for effortless launches off the line with the slow release of the clutch, and with no throttle operation.

The maximum speed with GTT without throttle:

In 1st gear is up to 7 km/h
In 2nd gear is up to 12 km/h
In 3rd gear is up to 17 km/h

The chain is designed with four points of contact and two additional reservoirs of lubricant. The self-aligning function dispenses pressure and minimizes power loss due to lower friction, while also increasing the longevity of the chain.

GTT
GLIDE THROUGH TECHNOLOGY



ALL - NEW RACING DYNAMICS



SYNCHRO STIFF CHASSIS

The Synchro Stiff Chassis provides the perfect balance of stiffness for optimised straight-line performance, while delivering flex for aggressive cornering.

This gives the racer the confidence to push the limits on the track.

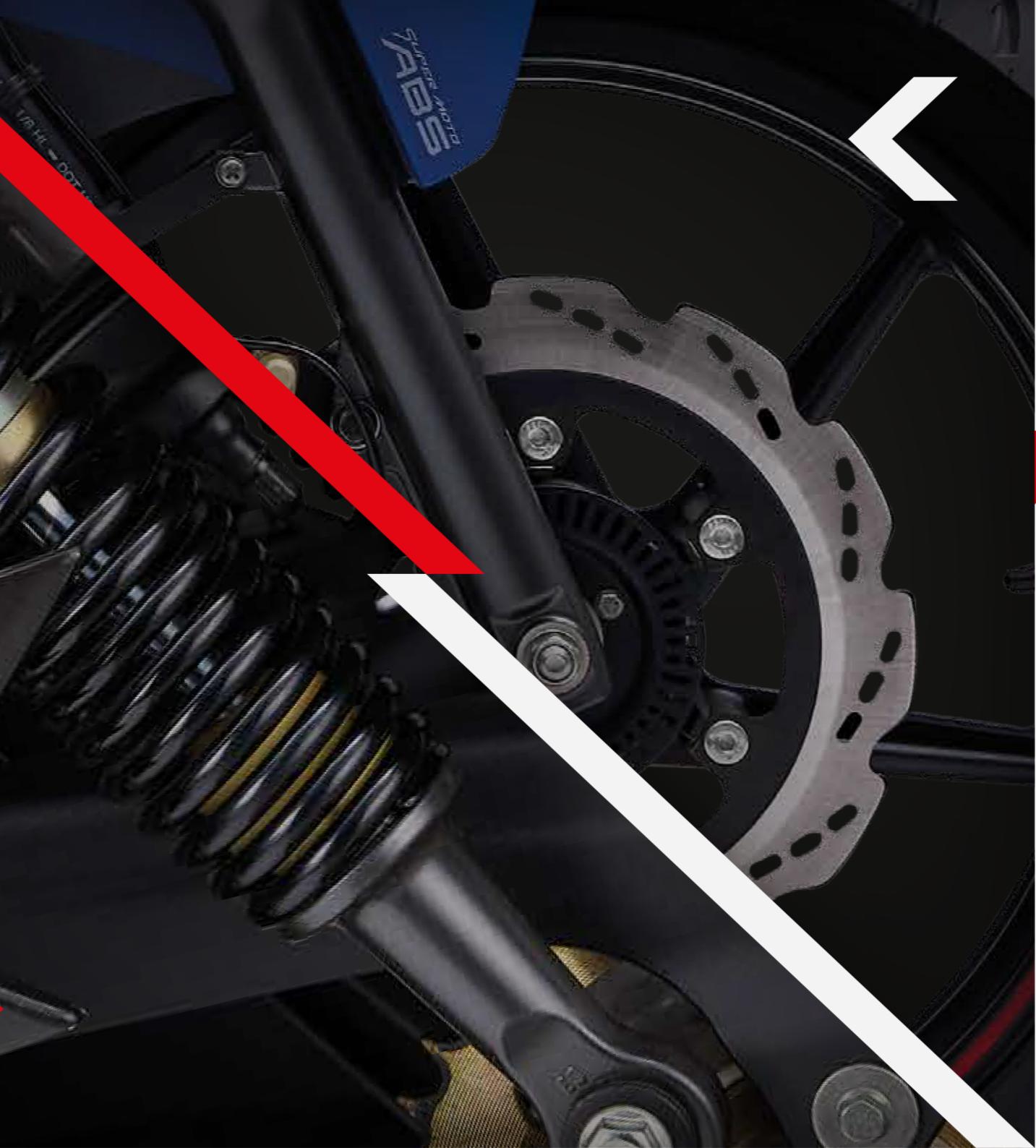
ALCANTARA RACING SEAT



The meticulously crafted racing seat is designed to provide the ultimate comfort over long race distances.

MIG SUSPENSION

The rear monotube inverted gas filled 5 step adjustable shocks with a rectangular swingarm, enables the perfect synergy of cornering aggression and agility.



ROTO PETAL DISC BRAKES WITH SUPER MOTO ABS

Brake like in every corner with confidence. The unique Roto Petal design is stunning and effective. While the single channel Super Moto ABS offers precise control and sharp feedback, allowing for razor sharp cornering.



WIDER TYRE

Tackle corners with confidence and precision. Unyielding grip is provided by the special compound from the tubeless tires. This allows you to truly push the limits at every corner.

THE WORLD OF APACHE



From the moment you get the keys to your TVS Apache race machine, you automatically become a part of a community of performance enthusiasts with exclusive access to high-adrenaline experiences. And with it, the pride of being called an Apachean.



APACHE OWNER'S GROUP

Every Apachean is a part of the Apache Owner's Group, a motorcycling community consisting of over 1,00,000 members. With chapters across the length and breadth of the country, the group embarks on motorcycling adventures of all kinds – from breakfast rides to crossing borders both international and domestic.

APACHE PRO PERFORMANCE

Wheelies pop and jaws drop. The Apache Pro Performance is a series of stunt shows like no other. Featuring the best stunt riders in the country, the APP team tour various locations to break records and get hearts pumping.



APACHE RACING EXPERIENCE



The Apache Racing Experience brings you closer to the race track than ever before. With mentorship from championship-winning riders from TVS Racing, the A.R.E. also provides a clear path to the prestigious One Make Championship, giving every Apachean the opportunity to explore a foray into professional racing.

THE ALL-NEW *RACER'S CHOICE.*



Apache
RTR 160
RACING DNA UNLEASHED