



The Ultimate Track Weapon.  
#PureRacecraft

**Apache**  
**RR**  
**310**  
RACING DNA UNLEASHED



### The Ultimate Track Weapon.

The fastest, most powerful and technologically advanced Apache yet, has been shaped in the wind tunnel, honed on the dyno and perfected over countless laps on the racetrack.

A culmination of 35 years of TVS Racing heritage, the precision racer is engineered to create history and crafted to be the ultimate.

## CRAFTED BY THE WIND



### Advanced Aerodynamics

Extensive designing and testing in a state-of-the-art wind tunnel has yielded the **best-in-class** coefficient of drag.

### Ram-Air Intake

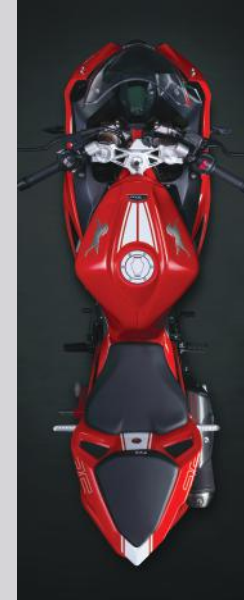
Provides thermal management by channelling air towards the engine.

### Gill Vents

- Channel hot air away from the engine.
- Patented deflector cowl diverts hot air away from the racer.



## CRAFTED TO IMPOSE



### Aggressive Stance

Inspired by the Shark, the Apache RR 310 is designed with a raked-high tail and a forward weight bias, to make it streamlined.

### Racing Ergonomics

- Honed using static and dynamic ergonomic testing.
- Gives the racer ultimate control on the track.



### On-Board Race Computer

- Race inspired vertical design.
- Provides lap timing, gear shift indicator and race diagnostics.



### Bi- LED Twin Projector Headlamps

A first in its class, the headlamps provide clear visibility even in harsh racing conditions.



## CRAFTED FOR POWER

### Unique Reverse Inclined DOHC Engine

The race-derived 310cc power plant peaks at 9700 RPM. While the Lite KS cast piston with Nanofriks coating, reduces friction.



### Liquid-Cooled-Oil -Coolant Technology

- Provides efficient thermal management.
- Keeps the high-revving engine cool in long race distances.

### Volumetric Efficiency

The cylinder head down draft port with button tappet arrangement provides an **8% increase** in volumetric efficiency.

### Compact Engine Design

- The horizontally split crank case keeps the engine compact while providing blistering performance.
- Best-in-class power-to-weight ratio.
- 0-60 in 2.9s.
- Top speed of 160 km/h.

### Track Tuned 6-Speed Gearbox

The racing gearbox has negative back rack gears for precision shifts and quick launches.



## CRAFTED FOR AGILITY



### Racing Origin Trellis Frame

- Light weight trellis frame provides high dynamic stiffness.
- The forged aluminium die-cast swing arm offers greater stability.

### Race Tuned KYB Suspension

- Honed and tuned by experts from KYB.
- Monoshock with Monotube floating piston technology.
- Hydraulic stopper with check valves provide better damping.



### Mass Centralised Layout

The vehicle layout provides a low center of gravity for uncompromised handling.

Dealer stamp

www.tvsapache.com