

Trials Motorcycle with 247-300cc EFI Engine

This trials motorcycle is designed for navigating challenging terrain and obstacles. It features a lightweight frame, specialized suspension, and a responsive engine for precise control.



ADDITIONAL IMAGES



Overview



Designed for technical terrain with high ground clearance and lightweight construction.

High-Performance Trials Motorcycle

This professional-grade trials motorcycle is engineered for precision and agility in technical riding environments. Featuring a 2-stroke EFI engine available in 247cc or 300cc configurations, it offers exceptional power delivery and control. Built with a lightweight titanium and aluminum frame, this machine is designed to excel in competitive trials events by providing superior balance and maneuverability.

Engine & Performance



Optimized for low-end torque and precise throttle control in demanding environments.

Bore & Stroke

Displacement	Dimensions
247cc	72.5 x 60mm
300cc	79 x 60mm

Engine Type	2-stroke EFI
Displacement Options	247cc, 300cc
Flywheel Weight	366 gr

Transmission & Drivetrain

Gearbox	6-speed (4 gears optimized for climbing)
Clutch System	Multi-disc oil wet with adjustable spring preload

Chassis & Suspension

Frame Material	Titanium GR5 + Aluminum 6082 subframe
Front Suspension	Tech Factory Gold, 170mm stroke
Rear Suspension	Monoshock with high/low speed compression and rebound adjustment, 170mm stroke

Electronics & Fuel

Equipped Sensors

- Atmospheric pressure sensor
- Air temperature sensor
- Throttle position sensor (TPS)

Fuel System	Electronic Fuel Injection with integrated driver
Fuel Capacity	2.3 L

Brakes & Wheels

Front Brake	4-piston CNC monoblock caliper with 185mm disc
Rear Brake	2-piston hydraulic system with 150mm disc
Wheel Sizes	21 inch front, 18 inch rear