

2018

Sidewinder M-TX LE 153



Racing Blue

\$16,999 MSRP* \$471 Destination Charge*

TOP FEATURES

1. 998 Genesis Turbo Engine

The turbo boosted, one liter triple is unmatched when it comes to delivering incredible power with the refinement and quality you have come to expect from a Yamaha. Designed around a premium turbo unit, every engine component from intake to exhaust, is dedicated to producing uncompromised performance. In only its second year in production the Yamaha turbo has earned the respect and reputation befitting the industries highest achiever. Truly this is the potent venom of a Sidewinder M-TX LE 153 bite.

2. Premium FOX® FLOAT® QS3 Shock Package

Front suspension duties are handled by new lightweight Float air shocks plus the highly regarded, QS3 damping adjust system has been added for even more tunability. The front arm on the rear suspension also receives a Float QS3. And the rear arm is upgraded with the mountain specific Float QSL which features a special lock-out circuit for extreme climbing. This complete package eliminates the need for heavy metal springs and offers near infinite adjustment.

3. YSRC High Performance Clutch System

The YSRC primary and roller secondary clutches were specifically designed for durable, cool operation. They harness and transfer the massive torque produced by the Genesis Turbo, efficiently to the track while minimizing drive belt wear. The primary shifts out aggressively to use all the power on tap while the roller secondary is quick to back-shift and provides additional ratio through its oversize sheaves to keep accelerating long after the others have signed off.

4. 3-Inch Power Claw Track

This 153 inch long Power Claw track touts tall 3-inch lugs with a special engineered pattern to deliver the ultimate in deep snow traction and lift. The 3.0 pitch spacing helps reduce weight with fewer reinforcing rods, clips and rubber. Designed for optimum performance in deep fresh powder, where track speed and deep paddles are critical to gain enough lift and floatation.



*Manufacturer's Suggested Retail Price (MSRP) shown. Does not include tax, title, prep or destination charges. Actual prices set by dealer.

FEATURES & BENEFITS

TOP FEATURES - CONT.

5. NEW Drop Rolled Chaincase and Tunnel

New for 2018, the chaincase is relocated to allow clearance for new more efficient, 8 tooth extrovert track drivers. The tunnel is also modified for greater clearances with slightly narrowed running boards to aid in deep snow maneuverability.

PERFORMANCE

High Tech Turbo

The Nickel alloy turbine body is extremely strong and precise, able to withstand highly elevated temperatures. Supported by premium, ceramic ball bearings, the Inconel turbine blade assembly is very light and strong. This yields a low moment of inertia for lightning quick response to exhaust gas input. Turbo charging also maintains maximum horsepower regardless of elevation unlike non-turbo engines which can lose up to 40% of their horsepower on top of the mountain.

Mitsubishi Electronic Control Unit

The Yamaha-developed Mitsubishi ECU uses a series of 9 sensors to gather running condition data which it computes using a predetermined memory 'map'. It then adjusts ignition timing, fuel delivery, manifold air-pressure and turbo boost pressure to produce maximum Performance under any condition - reliably.

Triple Throttle Body Induction

Yamaha wanted an engine that's exceptionally quick to respond with little or no 'lag' as found in a conventional turbo. One of the ways they achieved their goal was to develop an intake system using three separate throttle bodies positioned very close to the intake valves. Instead of just one feeding long intake tubes — something that is not seen in any other production turbo on the planet. And another first for Yamaha with the Genesis turbo.

Electronic Air Bypass Valve (APV)

Unlike conventional turbo 'blow-off' valves, the Yamaha ABV redirects air pressure back into the intake side of the compressor to prevent surge and help maintain impeller speed, always at the ready for the next acceleration with seamless power delivery.

Liquid Cooled Turbo Body

Engine coolant is circulated through the turbocharger to control both underhood temperature and help cool the intake charge. Upon engine shut down, the convection energy produced by super-heated coolant at the turbo head keeps it circulating without the coolant pump in operation. This eliminates the need for an engine cool down cycle while maintaining high durability in the turbo components.

HANDLING

36-Inch SRV-M Front Suspension

The sleek SRV-M Front Suspension is ultra compact to reduce unwanted spindle and suspension component drag in deep snow. The narrow stance allows for extreme maneuverability and delivers aggressive lean angles for incredible side-hilling and powder turn capabilities. The lightweight, forged aluminum spindles join the widely spaced upper and lower control arms producing a large caster angle for tight side-hilling and ease of steering. The clean, narrow overall stance and elimination of the sway bar also greatly enhances deep snow agility.

Lightweight, Rigid SRV Mountain Chassis

The updated SRV M chassis combines a load-bearing triangulated structure with lightweight aluminum construction to create a neutrally balanced sled that's centered on the rider. The pyramidal upper frame creates chassis strength without excessive weight.

Mountain Steering System

A dedicated, tall steering post delivers optimum ergonomics for standup riding. The 5.5 inch riser, with broad, molded, curved-end mountain bar and incorporated mountain strap delivers ample leverage for off-trail riding. The system is adjustable to dial in sweep and reach to help keep you in the sweet spot.

Centralized Mass Design

The SRV chassis layout was engineered with the goal of centralizing mass. Approximately 60 percent of the sled's weight is tightly centered within the main triangulation. The result is a quick-Handling, well balanced sled, that's fun to throw around in a wide variety of conditions.

Yamaha Mountain Ski

The lightweight Yamaha Mountain ski delivers everything you want in a deep snow ski. Its wide footprint enhances flotation and actively lifts the sled's nose up on plane in deep powder. Traction lugs on the top of the ski give you a sure foothold when the situation gets really gnarly. The wide and deep keel design deliver light steering effort yet confident and predictable handling on hard pack and in fresh fluff.

COMFORT

Large Fuel Tank

The generous 10-gallon fuel tank of the Sidewinder M-TX LE 153 serves more purposes than just carrying a day's worth of fuel. It also cradles the battery and is the platform for the quick-release trail seat.

Digital Gauge

Full-featured and easy to read, the digital gauge displays critical information in a glance including speed, fuel level, trip mileage, tach and more. We even included a clock so you can watch the time fly.

Push Button Reverse

Convenient handlebar positioning makes shifting to and from reverse easy with just the push of your thumb. A servo motor shifts the drivetrain into reverse simply and consistently. An audible warning beeper reminds you when you are still in reverse.

Standard Electric Start

Yamaha's electric starter system allows you to fire up your Sidewinder with the turn of a key. There is no pulling on a nylon cord to get this high-tech engine growling! And you don't pay more - Electric start is a standard feature on all of Yamaha's 4-stroke machines.

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SPECIFICATIONS:

Engine Type	Turbo 4-Stroke / 998cc
Cylinders / Displacement	3-cylinder / 998cc
Clutch/Transmission	YSRC
Fuel Delivery	Electronic Fuel Injection
Fuel Capacity	8.9 gal. (33.61 L)
Center Shock	Fox® FLOAT® QS3
Front Suspension	Independent, Double Wishbone
Front Shocks	Fox® FLOAT® QS3
Front Travel	7 in. (177mm)
Ski Type	Yamaha Mountain, Black
Rear Suspension	Dual Shock SR 153
Rear Shock(s)	Fox® FLOAT® QSDL W/Climb Lockout
Rear Travel	15.5 in. (419mm)
Track / W x L x H	15 x 153 x 3.0in (381 x 3886 x 76.2mm)
Track Type	Power Claw™
Ski Stance (ctr to ctr)	36 in. (914.4mm)
Electric Start	Standard
Reverse	Standard
Headlight	LED
DC Output	Automotive
Heated Seat	Accessory
Color	Racing Blue

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*** Wet weight includes the vehicle with all standard equipment and all fluids, including oil, coolant (as applicable) and a full tank of fuel. It does not include the weight of options or accessories. Wet weight is useful in making real-world comparisons with other models.