



# Sidewinder X-TX LE 146



## Whenever, wherever the snow falls, team up with your Yamaha.

Being out on the trails or powder is one of life's great feelings – creating emotional moments to last long in the memory. So enjoy our snowmobiles. Each one is designed and equipped to deliver supreme handling, performance, comfort, economy and reliability.

It's a winning combination you can depend on from your Yamaha – along with our innovative engineering and electronic control technologies that bring you and your machine closer together as a unit – to create a more satisfying riding experience than ever before.

So wherever you ride – on smooth or rough trails, soft powder or up at high altitudes – choose the perfect partner. Your Yamaha.



- Yamaha's unique turbo-power system
- Stealth handlebar and Hayes racing brake
- Dual-switch grip control for hand & thumb warmers
- Extrovert drive sprockets for secure grip on track
- Independent Double Wishbone front suspension and FOX® QS3 shock
- Versattak 146 rear suspension
- Massive low end torque for control in deep snow
- Push Button electric start and push-button reverse
- Genesis® 180 engine - 4-stroke 3 cylinder 998cc
- Extreme colour scheme and striking LE graphics
- Dual digital gauges and sleek, low windshield



# Sidewinder X-TX LE 146

## Extreme exploration is the name of its game!

No need to stick to trails with the aggressive-looking - and performing - Sidewinder X-TX LE. Our exciting, turbo-powered, tackle-anything adventure machine demands you go a bit further - and faster!

The stylish, long-track Sidewinder X-TX LE features our turbo-powered, fuel-injected 998cc Genesis® 180 engine, created to deliver awesome power and torque at any altitude. The NEW 146 rear suspension, shoed with the 2.0"/51mm Challenger® track and hi-tech FOX® shock package is the perfect next-generation X-over suspension configuration.

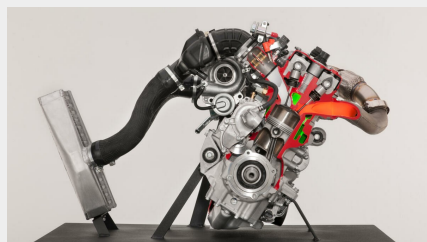
You'll enjoy many other features too, like a heated seat, J-hook bars, sport windshield, reverse gear, electric start and hand/thumb warmers.

# Sidewinder X-TX LE 146



## Luxury and comfort all the way

The LE version of our Sidewinder X-TX makes off-trail riding a real pleasure, with luxuries like a heated Mountain seat, dual-switched hand/thumb warmers, push-button electric start and reverse - and a neatly designed super-short windscreen. There are spacious stowing facilities too, including goggle and belt bags and a tunnel storage bag.



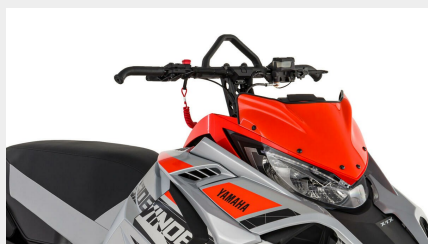
## 998cc Genesis Turbo 4-stroke engine

The most advanced and powerful engine ever to hit the snowmobile industry, this smooth, flexible 3-cylinder unit breathes easily at any altitude - in any conditions. Massive torque and pulling power are assured across the rev band, with instant throttle response and no 'turbo lag'. A genuine power revolution in the 'real' 180HP class.



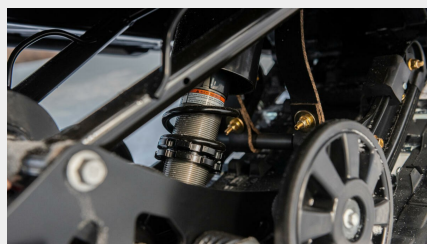
## Asymmetric double wishbone front suspension

A special characteristic of this exciting machine is its unique front suspension geometry, with widely spaced lower and upper A-arms mounted asymmetrically to the chassis bulkhead. The FOX® QS3 shocks deliver ultra-responsive handling - yet are strong enough to take plenty of punishment on trails and tracks in the back country.



## J-hook handlebar and tall riser

A tall, lightweight aluminum riser sets the handlebar at the right height for maximum control in fresh powder. This pivot-adjustable riser allows you to choose the optimum angle for your own riding position. The straight J-hooked handlebar with mountain strap also makes control easier and gives precise feedback from the front suspension.



## VERSATTAK 146 rear suspension

This set-up combines trail technology with Mountain features and character. The Uncoupled Torsion Spring rear suspension improves weight transfer, playfulness and off-trail ability. The FOX centre HPG and rear 2.0 QS3 shocks combo is ideally suited to the crossover customer who values off-trail capability as much as on-trail compliance.



## Yamaha YSRC clutch system

The technically advanced YSRC clutch is designed to handle the impressive torque and high power output of the 998cc Yamaha 4-stroke engine. Shifting is extremely efficient with a fast backshift response to match. The high strength castings, efficient cooling and finely tuned settings combine to give excellent V-belt durability and low maintenance.

## Engine

Type / Displacement	4 Stroke / 998cc
Cylinders	3-Cylinder
Cooling	liquid-cooled
Bore x stroke	80.0 mm x 66.2 mm
Intake design	2-valves
Carburation	Turbo boosted 41mm Mikuni x 3, Fuel Injection, Liquid Heated
Ignition system	Digital T.C.I. w/T.P.S.
Exhaust	2-valves
Disc brake system	Radial Master Cylinder Hydraulic Brake / Disc on Drive Shaft
Clutch / transmission	YSRC; Variable Ratio; Electronic Shift Reverse; Magnesium Chaincase & Cover

## Suspension

Front suspension system	SRV-M New Spindle
Front shocks	FOX® 1.5 Zero QS3
Front travel	229 mm
Rear suspension system	Versattak 146
Rear shocks	HP Gas 1.5 / FOX® 2.0 Zero QS3
Rear Travel	343 mm

## Measures / Dimensions

Ski stance (ctr. to ctr.)	1,016-1,041 mm
Track Type	Camso® Challenger 2.0"
Overall height	1,190 mm
Overall length	3,353 mm
Overall width	1,200 mm
Fuel tank capacity	33.6litres
Track W x L x H (")	15 " x 146 " x 2,0 "
Track W x L x H (mm)	381 mm x 3.708 mm x 51 mm



# Sidewinder X-TX LE 146

Features	
Electric start	Standard
Reverse	Standard
Hand & thumb warmers	Standard
Headlight watts, type	60/55W LED
DC output	Standard