



## Arctic Cat Thundercat 146 998cc Snowmobile THUNDERCAT-146

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### Product Description

#### Arctic Cat Thundercat 146 2027 998cc Snowmobile

It's the fastest, fiercest snowmobile on the planet. And when you're in control, you're untouchable. The Thundercat® is the ultimate ride for the speed demon in your life. The Thundercat 146 offers competitive specification for its class and benefits from Arctic Cat's legacy of snowmobile innovation. Whether you are a seasoned enthusiast or a rider building hours in their home riding area, the Thundercat 146 brings a proven combination of chassis engineering, powertrain capability, and standard equipment to the trails.

Arctic Cat has been producing snowmobiles since 1962 and the Thundercat series continues that tradition with a machine that reflects current engineering priorities while remaining true to the brand's commitment to rider-focused design. The 998cc engine at the core of the Thundercat 146 powers it through a wide range of conditions with consistency and character.

The Thundercat 146 is for serious trail performance enthusiasts who want the most powerful and specification-rich machine in the trail class. It is at its best on fast, groomed trails and at high speeds, where its powertrain and suspension calibration allow experienced riders to explore the full capability of the machine. Those who ride at the front of the pack and want the ultimate trail performance experience will find the Thundercat 146 a compelling flagship. The Thundercat 146 is backed by a 12 Months warranty.

#### Engine and Powertrain

The Thundercat 146 is powered by a 9000 Turbo, 4-Stroke engine, liquid cooled, with electronic fuel injected (efi) fuel delivery. The bore and stroke dimensions of 80 x 66.2 mm give the engine its distinctive power character. Clutch duties are handled by an ADAPT / ADAPT setup, calibrated to deliver smooth and efficient power transfer across the power range. The exhaust system, turbocharger w/ stainless steel muffler, contributes to the engine's overall performance character. A minimum octane rating of 91 is recommended to maintain proper engine performance.

- Displacement: 998cc
- Engine type: 9000 Turbo, 4-Stroke
- Cooling: Liquid
- Cylinders: 3-Turbocharged
- Bore x stroke: 80 x 66.2 mm
- Fuel delivery: Electronic Fuel Injected (EFI)
- Drive clutch: ADAPT
- Driven clutch: ADAPT
- Reverse: Push-Button Engine
- Fuel capacity: 9.9 gal
- Minimum octane: 91
- Starter: Push-Button Electric Start

## Track and Suspension

The Thundercat 146 runs a 146 in x 15 in Cobra track with a 1.35 in lug height and 2.86 in pitch. The track configuration is optimized for the groomed and lightly off-trail conditions that define the trail snowmobile category. The front suspension features ARS II w/ ATAC with 9 in of travel, while the rear suspension uses CROSS-ACTION II w/ 3 Wheel Rear Axle Assembly, Torque-Sensing Link Rear Arm, Adjustable Torsion Springs & Elevated Rear Wheel with 13.5 in of travel for the intended riding style.

- Track length: 146 in
- Track width: 15 in
- Track type: Cobra
- Lug height: 1.35 in
- Pitch: 2.86 in
- Front suspension: ARS II w/ ATAC
- Front travel: 9 in
- Rear suspension: CROSS-ACTION II w/ 3 Wheel Rear Axle Assembly, Torque-Sensing Link Rear Arm, Adjustable Torsion Springs & Elevated Rear Wheel
- Rear travel: 13.5 in
- Ski type / width: Trail - 6 in
- Ski stance: 42-43 in - Adjustable
- Brakes: Stealth Hydraulic Master Cylinder

## Chassis and Dimensions

The chassis of the Arctic Cat Thundercat 146 is designed to balance rigidity with weight management. With trail performance and rider ergonomics as key drivers. The heat exchanger configuration is front/long tunnel, designed for consistent cooling across typical operating temperatures.

- Overall chassis length: 132 in
- Overall chassis width: 48-49 in
- Overall chassis height: 48 in
- Heat exchanger: Front/Long Tunnel

## Features and Standard Equipment

The Arctic Cat Thundercat 146 comes equipped with a range of standard features selected to enhance the riding experience from the moment you take delivery. Lighting is provided by led w/ accent light for strong visibility on early morning or evening rides. The 11 in mid height windshield offers appropriate wind and weather protection for the intended riding category. The hooked handlebar design positions the rider comfortably for the intended riding posture. Available in Black & Green/Black & Red, the Thundercat 146 presents a distinctive and purposeful appearance.

Standard accessories include: 12V Outlet, Sport Front Bumper, Goggle Holder, Hand & Thumb Warmers, Heated Driver Seat, Ice Scratchers, Rear Storage, Standard Brake Disc, EPS Steering, Tether Switch, Mid Tunnel Bag, Tunnel Flare, Visor Plug-In.

- Lighting: LED w/ Accent Light
  - Windshield: 11 in Mid Height
  - Handlebars: Hooked
  - Seating style: Trail 4S
  - Available colors: Black & Green/Black & Red
  - Starter: Push-Button Electric Start
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