

Track and Suspension

The M 858 Sno Pro ALPHA ONE runs a 146 in or 154 in or 165 in x 15 in PowerClaw track with 2.6 in. or 3.0 in. height and 2.86 in. Or 3.50 in. pitch. In deep snow applications, the track configuration is a critical factor in overall performance. The M 858 Sno Pro ALPHA ONE is set up to maximize float, bite, and control in powder conditions. The front suspension features AWS 36 with 7.6 in. of travel while the rear suspension uses ALPHA-ONE Rear Suspension with 13.5 or 14.5 or 15.5 of travel for the intended riding style.

- Track length: 146 in or 154 in or 165 in
- Track width: 15 in.
- Track type: PowerClaw
- Lug height: 2.6 in. or 3.0 in
- Pitch: 2.86 in. Or 3.50 in.
- Front suspension: AWS 36
- Front travel: 7.6 in.
- Rear suspension: ALPHA-ONE Rear Suspension

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SKU:M-858-SNO-PRO-ALPHA-ONE

Price:\$17999

Categories:[Arctic Cat](#)

Product Description

Arctic Cat M 858 Sno Pro ALPHA ONE 2027 858cc Snowmobile

- Brakes: Stealth 88 Hydraulic Master Cylinder

If you ride deep powder, you need a snowmobile that's built to a higher standard. With the ultra-agile CATALYST™ platform and your choice of ALPHA ONE® mono-rail or twin-rail suspension, this lineup floats, climbs and carves with purpose. The M 858 Sno Pro ALPHA ONE 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 weight budget being carefully managed for maximum deep snow float and maneuverability. The heat exchanger configuration is front/short tunnel, designed for consistent cooling across typical operating temperatures.

- Overall chassis length: 126.5 in. Or 131 in.
- Overall chassis width: 42-44 in.
- Overall chassis height: 50 in.
- Heat exchanger: Front/Short tunnel

Arctic Cat has been producing snowmobiles since 1962 and the M 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 Sno Pro designation signals a higher level of suspension specification and performance-oriented tuning, placing this model at the more capable end of the lineup. The ALPHA ONE rear suspension is a central feature of this model, offering a single-beam design that reduces weight and improves deep snow float and maneuverability, setting it apart from conventional tracked suspension layouts. The 858cc engine at the core of the M 858 Sno Pro ALPHA ONE powers it through a wide range of conditions with consistency and character.

The Arctic Cat M 858 Sno Pro ALPHA ONE 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 for strong visibility on early morning or evening rides. The na windshield offers appropriate wind and weather protection for the intended riding category. The hooked w/grab handle handlebar design positions the rider comfortably for the intended riding posture. Available in Black, areas where conventional trail sleds fall short. Riders who prioritize powder performance, sidemill capability, and the ability to navigate variable deep snow terrain will find the M 858 Sno Pro ALPHA ONE an honest and capable machine for the most demanding backcountry days. The M 858 Sno Pro ALPHA ONE is backed by a 12 Months warranty. Standard accessories include: 12V Outlet, Sport Front Bumper, Integrated Goggle Holder, ATACH Mounting, Hand & Thumb Warmers, Ice Scratchers, Lightweight Mountain Brake Disc, Vertical Steering, Tether Switch, Visor Plug-In.

Engine and Powertrain

- Lighting: LED
- Windshield: NA
- Handlebars: Hooked w/grab handle
- Seating style: Mountain
- Available colors: Black
- Starter: Manual Or Push-Button Electric Start

- Displacement: 858cc
- Engine type: 2-stroke
- Cooling: Liquid
- Cylinders: 2
- Bore x stroke: 85 x 75.6 mm
- Fuel delivery: Next Generation C-Tec2
- Drive clutch: ADAPT
- Driven clutch: ADAPT
- Reverse: Push-Button Engine
- Fuel capacity: 10.4 gal
- Minimum octane: 91
- Starter: Manual Or Push-Button Electric Start