



## Arctic Cat HCX 858 SG 858cc Deep Snow Snowmobile HCX-858-SG

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### Product Description

#### Arctic Cat HCX 858 SG 2027 858cc Snowmobile

Built for big-air addicts. The HCX keeps your confidence high and has plenty of power at the ready. The HCX 858 SG 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 HCX 858 SG 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 HCX 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 SG designation indicates a special edition model with a distinct appearance package, offering riders a visually unique variant within the lineup. The 858cc engine at the core of the HCX 858 SG powers it through a wide range of conditions with consistency and character.

The HCX 858 SG is intended for experienced riders who regularly venture into deep snow environments, mountain terrain, and backcountry zones. It performs best in untracked powder, steep sidehills, and high-elevation riding areas where conventional trail sleds fall short. Riders who prioritize powder performance, sidehill capability, and the ability to navigate variable deep snow terrain will find the HCX 858 SG an honest and capable machine for the most demanding backcountry days. The HCX 858 SG is backed by a 12 Months warranty.

#### Engine and Powertrain

The HCX 858 SG is powered by a 2-Stroke engine, liquid cooled, with next generation c-tec2 fuel delivery. The bore and stroke dimensions of 85 x 75.6 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, apv iv w/ full stainless steel exhaust & egt sensors, contributes to the engine's overall performance character. A minimum octane rating of 91 is recommended to maintain proper engine performance.

- 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

## Track and Suspension

The HCX 858 SG runs a 146 in x 15 in PowerClaw track with a 2.60 in lug height and 2.86 in pitch. In deep snow applications, the track configuration is a critical factor in overall performance, and the HCX 858 SG 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 HCX Rear Suspension with 13.5 in of travel for the intended riding style.

- Track length: 146 in
- Track width: 15 in
- Track type: PowerClaw
- Lug height: 2.60 in
- Pitch: 2.86 in
- Front suspension: AWS 36
- Front travel: 7.6 in
- Rear suspension: HCX Rear Suspension
- Rear travel: 13.5 in
- Ski type / width: G2 ProClimb - 7 in
- Ski stance: 35-37 in - Adjustable
- Brakes: Stealth 88 Hydraulic Master Cylinder

## Chassis and Dimensions

The chassis of the Arctic Cat HCX 858 SG is designed to balance rigidity with weight management. With the weight budget being carefully managed for maximum deep snow float and maneuverability. The heat exchanger configuration is front/long tunnel, designed for consistent cooling across typical operating temperatures.

- Overall chassis length: 122 in
- Overall chassis width: 42-44 in
- Overall chassis height: 50 in
- Heat exchanger: Front/Long Tunnel

## Features and Standard Equipment

The Arctic Cat HCX 858 SG 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 n/a 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 White, the HCX 858 SG presents a distinctive and purposeful appearance.

Standard accessories include: 12V Outlet, Sport Front Bumper, Integrated Goggle Holder, ATACH Mounting, Hand & Thumb Warmers, Ice Scratchers, Lightweight Mountain Brake Disc, Laydown Steering, Tether Switch, Visor Plug-In.

- Lighting: LED
  - Windshield: N/A
  - Handlebars: Hooked w/ Grab Handle
  - Seating style: Mountain
  - Available colors: White
  - Starter: Manual
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