



## Arctic Cat HCR 858 858cc Deep Snow Snowmobile HCR-858

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### Product Description

#### Arctic Cat HCR 858 2027 858cc Snowmobile

The HCR is ready for steep ascents and has all the power hillclimb circuit racers expect. Jump on and get ready to stand on the podium. The HCR 858 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 HCR 858 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 HCR 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 858cc engine at the core of the HCR 858 powers it through a wide range of conditions with consistency and character.

The HCR 858 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 HCR 858 an honest and capable machine for the most demanding backcountry days. The HCR 858 is backed by a 12 Months warranty.

#### Engine and Powertrain

The HCR 858 is powered by a 2-Stroke engine, liquid cooled, with next gen. 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 Gen. 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 HCR 858 runs a 154 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 HCR 858 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 14.5 in of travel for the intended riding style.

- Track length: 154 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: 14.5 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 HCR 858 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/short tunnel, designed for consistent cooling across typical operating temperatures.

- Overall chassis length: 126.5 in
- Overall chassis width: 42-44 in
- Overall chassis height: 50 in
- Heat exchanger: Front/Short Tunnel

## Features and Standard Equipment

The Arctic Cat HCR 858 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 Race Green, the HCR 858 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, Vertical Steering, Tether Switch, Visor Plug-In.

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