



SNOWMOBILES
INTERNATIONAL



2025





CATALYST

IS REVOLUTIONIZING RIDING

The revolutionary CATALYST™ platform gives you so much more than just aggressive, cutting-edge looks. Now you have the choice of the 600 engine or the all-new, powerful 858 engine, purpose built for the CATALYST platform. The technological advancements built into this platform set it apart from anything you've ridden before. Go beneath the surface and discover how CATALYST changes everything.

➤ FEEL THE DIFFERENCE IN EVERY RIDE

These sleds are up to 10% lighter for incredible agility. Fewer parts, lighter seats, a redesigned intake configuration and other weight-saving components that all work together to create a better ride.

➤ DESIGNED FOR ALL TYPES OF RIDERS

The steering and suspensions are optimized to provide the performance, handling and balance required for the differing demands of mountain, trail and crossover riders. These optimizations can be seen on front and rear suspensions, spindles, steering, seat, drive system and even running boards.



➤ CORNER AND CARVE WITH LESS EFFORT

The CATALYST platform's centralized mass and low center of gravity help provide precision and control unlike anything you've experienced. The innovative laydown engine design achieves the best mass centralization of any snowmobile on the market while remaining lightweight and compact. The result is a powerful, easy-to-ride sled.

➤ EASY ACCESS

With the easily removable, completely tool-less plastic panels on the CATALYST platform snowmobiles, you can quickly access critical components to work on.



Get more details on the CATALYST platform at arcticcat.com/catalyst

CATALYST 858



A NEW BREED OF POWER

The CATALYST platform snowmobiles changed everything. Now you can experience an even more enhanced ride with the all-new 858 engine. With this kind of power in the industry's most rider-centric platform, you can push the limits like never before.





➤ **SPEED, AGILITY AND MORE**

The 858 engine delivers more power and more torque. If you want higher top speeds, quicker acceleration and greater agility from your CATALYST platform sled, this is the engine for you.

➤ **EXHILARATING ACCELERATION**

The 858 engine provides 11% more power and torque in a package that's 4% lighter than our 794cc engine thanks to the 85mm bore paired with a 75.6mm stroke. This longer stroke achieves more horsepower and deep, bottomless torque that pulls hard and smooth through the entire RPM range. The result is a pulse-pounding ride that takes carving through deep snow, maneuvering tight trails and boondocking to the next level.

➤ **A TOUGHER ENGINE**

With fewer parts and an integrated mounting design in the crankcase, the 858 engine is stronger, sturdier and easier to maintain.

➤ **PURPOSE-BUILT POWER**

Arctic Cat developed the 858 engine at the same time as the CATALYST platform to maximize the sled's power, agility and control. From working around the centerline steering to integrating components for weight reduction and increased performance, no compromises were made in pursuit of the ultimate ride.

➤ **PEAK PERFORMANCE ACROSS ALL CONDITIONS**

The 858 engine's air intake system maximizes airflow for more power output, while multiple secondary, under-hood inlets prevent snow ingestion for optimized performance in any riding conditions. The exhaust valve design stays tight to the piston as it moves, creating smooth exhaust port flow through a wider RPM range on both primary and auxiliary ports, along with cleaner emissions.



Get more details on the CATALYST platform at arcticcat.com/catalyst

ADVANCED ARCTIC CAT TECHNOLOGY

PUSHING THE LIMITS IN EVERY WAY POSSIBLE

Finding new ways to give you an incredible experience is what we do. After all, our goal is simple. Every time you get on an Arctic Cat, we want it to be a ride worth remembering.



ARCTIC CAT G8 DISPLAY

Select 2025 CATALYST platform sleds feature our new 8-in. integrated Arctic Cat G8 display, powered by Garmin®. Check your vehicle data at a glance, quickly switch between multiple applications, view pre-loaded trail maps, change map views, use Group Ride Radio, connect to a smart phone and much more. Use our retrofit kit to add a G8 display to your 2024 CATALYST platform sled or other models.

**STANDARD ON: M 858 MOUNTAIN CAT,
M 858 MOUNTAIN CAT WITH ATAC, RIOT 600
WITH ATAC, RIOT 858 WITH ATAC,**

*Group Ride functionality in Canada requires cellular data



RY E



NEW

AC5S SHOCKS

All-new AC5S ski, front and rear track shocks are designed and calibrated at Arctic Cat for Sno Pro® sleds and feature a unique color scheme. The ski, front and rear track shocks have a 5-position adjustment with adjustable spring preload that gives you even more flexibility to fine-tune your ride. The body/front track shocks are 1.5-in., and the rear track body shocks are 2.0-in.

AVAILABLE ON: M 600, M 858, RIOT 600, RIOT 858, ZR 858

CATALYST ATACH

ACCESSORY SYSTEM

Standard on the CATALYST platform, the ATACH accessory system is seamlessly integrated onto the tunnel and is completely secure. Simply snap your accessories into place – no unsightly rivets or bolts needed here. ATACH also features key locks that allow you to secure a variety of bags and accessories onto your sled. With ATACH, you'll have everything you need for any adventure.

STANDARD ON: M 600, M 858, M 858 MOUNTAIN CAT, RIOT 600, RIOT 858, ZR 600, ZR 858, ZR 600 R-XC, ZR 858 R-XC



ADVANCED ARCTIC CAT TECHNOLOGY

SLIDE-ACTION

SLIDE-ACTION REAR SUSPENSION™

This cutting edge feature gives you unparalleled range of transfer control, ensuring optimal performance during acceleration, cornering and cruising. With its adjustable rear coupling, the SLIDE-ACTION suspension offers the perfect balance between limiting pitch to reduce ski lift during fast takeoffs, and provides the suspension response you want for a smooth ride over varied terrain.

AVAILABLE ON: ZR 600, ZR 858, ZR 600 R-XC, ZR 858 R-XC, ZR 9000 THUNDERCAT, ZR 7000, ZR 9000 RR, PANTERA 7000



ADAPT

CONTINUOUSLY VARIABLE TRANSMISSION

ADAPT™ provides a smoother takeoff with consistent power delivery at slow speeds for a better overall ride. It's all thanks to an idler bearing that keeps belt temperatures down, helping belts stay tighter at all speeds. This truly one-of-a-kind self-adjusting clutch stands as yet another industry-exclusive Arctic Cat offering.

STANDARD ON: EVERY FULL-SIZE SLED

ATAC

SUSPENSION

ADJUSTABLE ON-THE-FLY SUSPENSION

The terrain can change in a hurry. With ATAC® Adjustable On-the-Fly Suspension, you can adapt just as quickly without getting off your snowmobile to manually adjust the shocks. With the push of a button, you can choose between two customizable rider profiles, three firmness settings and engage lockout mode on mountain models.

AVAILABLE ON: RIOT 858, ZR 858, ZR 9000 THUNDERCAT, RIOT 9000 AND M 858 MOUNTAIN CAT



CROSSOVER



CATALYST



858

RIOT 600 | 858

ADAPT | **ATAC** | **ATACH** | **GS**

You're in total control on the CATALYST platform Riot 600 and Riot 858. With handling that's lighter and more responsive than anything you've ever ridden, you'll find excitement at every turn.

- > **Upgraded C-TEC2 Engine Options** | 599cc with 125-class horsepower or ALL NEW 858cc with 165-class horsepower.
- > **CATALYST Platform** | enhanced maneuverability, comfort and control.
- > **Arctic Cat Belt Drive** | lightweight, low-maintenance drive system.
- > **AWS 39 Front Suspension with Progressive Ratio Steering** | unmatched control and maneuverability.

MOUNTAIN

CATALYST



M 600 | 858

ALPHA | ADAPT | ATACH

Experience the unmatched agility and precision of the lightweight CATALYST platform. Choose the proven 600 engine or the all-new, powerful 858 engine.

- > **Upgraded C-TEC2™ Engine Options** | 599cc with 125-class horsepower or ALL NEW 858cc with 165-class horsepower.
- > **Arctic Cat M Belt Drive** | lightweight, low-maintenance drive system.
- > **AWS™ 36 Front Suspension** | mountain-specific design for confident maneuvering.
- > **Available AC5S Shocks** | durable 5-position compression adjustable shock.



M 858 MOUNTAIN CAT

ALPHA | ADAPT | ATAC | ATACH | G2

Pushing the limits is part of the fun, and with more power than ever, Mountain Cat delivers for everyone from backcountry first-timers to master boondockers getting into deep snow.

- > **ALL-NEW 858cc C-TEC2 Engine** | 165-class horsepower purpose-built for the CATALYST platform.
- > **8-in. Arctic Cat G8 Digital Display** | seamless vehicle integration, navigation and Group Ride functionality.
- > **Arctic Cat M Belt Drive** | lightweight, low-maintenance drive system.





THE NEXT LEVEL IS HERE

The new CATALYST platform M 858 and M 858 Mountain Cat® sleds will take power, precision and performance to all-new heights. Because the CATALYST platform takes less effort to corner, cut and maneuver, it makes you the deciding factor on the mountain. These new sleds join a lineup where Arctic Cat already reigns supreme, thanks to the ALPHA ONE Single-Beam Rear Suspension.



TRAIL

CATALYST



858

ZR 858

SLIDE-ACTION | **ADAPT** | **ATCH**

The lightweight, nimble CATALYST platform responds instantly to every input, the ZR 858 gives you greater speed and power, adding a new level of excitement to every ride.

- > **Upgraded C-TEC2 Engine** | ALL NEW 858cc with 165-class horsepower.
- > **Arctic Cat Belt Drive** | lightweight, low-maintenance drive system.
- > **AWS 42 Front Suspension with Progressive Ratio Steering** | unmatched control and maneuverability.



858

ZR 600 R-XC | ZR 858 R-XC

SLIDE-ACTION | **ADAPT** | **ATCH**

The toughest terrain requires a sled that's just as tough, yet also agile and easy to control. That's why cross-country racers and aggressive trail riders will turn to these two snowmobiles every time.

- > **Upgraded C-TEC2 Engine Options** | 599cc with 125-class horsepower or ALL NEW 858cc with 165-class horsepower.
- > **FOX® QS3 & QS3R Shocks** | adjustable shock settings based on terrain and riding style for increased control.
- > **AWS 42 Front Suspension with Progressive Ratio Steering** | unmatched control and maneuverability.



YOUTH



THE RIGHT FIRST RIDE

Your first Arctic Cat will transform you into a lifelong rider. With the perfect combination of power, control and safety features, these sleds will set the standard and ignite a life-long passion.



ZR 120

AVAILABLE ONLY OUTSIDE THE EU ↗

They've watched mom, dad, brothers and sisters ride. Now your young one is ready for the excitement only the ZR 120 can deliver. It's time for an experience they'll remember forever.

- > **123cc 4-Stroke Engine** | easy to start and speed-governed to 8 mph.
- > **Safety Features** | always-on headlights and taillights, a safety flag for visibility and a removable key to keep parents in control.
- > **A-Arm Front Suspension** | same level of support as a full-size Arctic Cat sled.



ZR 200

When your adventurous young rider has outgrown the backyard and is ready to tackle a trail or tag along with you, upgrade them to the ZR 200.

- > **SSCC Trail Certification** | legal to ride on public trails where applicable with a certified snowmobiler.
- > **192cc Single-Cylinder 4-Stroke Engine** | fan-cooled with plenty of power for fun out on the trail.
- > **Transitional Youth Sled** | longer track and tunnel, higher seat and handlebar and five front and rear spring adjustment settings.





	M 600/858	M 858 MOUNTAIN CAT	RIOT 600/858
KEY TECHNOLOGIES (*Select Models)	ADAPT, ALPHA ONE, ATACH	ADAPT, ALPHA ONE, ATAC*, ATACH, G8	ADAPT, ATAC*, ATACH, G8*
COLOR OPTIONS			
STANDARD COLORS	Black or Medium Green/Black	Skye Blue/Galaxy Blue	Black or Medium Green/Black or Sunset Orange/ Woody's Orange
ENGINE			
ENGINE / TYPE / DISPLACEMENT / COOLING / CYLINDERS	600 or 858 Series / 2-Stroke / 599cc or 858cc / Liquid / 2 Cylinder	858 Series / 2-Stroke / 858cc / Liquid / 2 Cylinder	600 or 858 Series / 2-Stroke / 599cc or 858cc / Liquid / 2 Cylinder
FUEL CAPACITY / OIL SYSTEM CAPACITY	10.4 gal (39 L) / 3 qt (2.8 L)	10.4 gal (39 L) / 3 qt (2.8 L)	10.4 gal (39 L) / 3 qt (2.8 L)
DRIVE CLUTCH	ADAPT CVT	ADAPT CVT	ADAPT CVT
DRIVEN CLUTCH	ADAPT CVT	ADAPT CVT	ADAPT CVT
SUSPENSION			
FRONT SUSPENSION	AWS 36	AWS 36	AWS 39
REAR SUSPENSION	ALPHA ONE Single-Beam Rear Suspension	ALPHA ONE Single-Beam Rear Suspension	CROSS-ACTION with 3 wheel rear axle assembly, Torque-Sensing Link rear arm and adjustable torsion springs. ATAC System is also available.
SKI SHOCKS	AC5S	FOX FLOAT 3 QS3	AC5S or FOX 1.5 iQS
FRONT TRACK SHOCK	AC5S	FOX FLOAT 3 QS3	AC5S
REAR TRACK SHOCK	AC5S	FOX FLOAT 3 QS3 or FOX FLOAT 3 iQSL	AC5S or FOX 2.0 iQS
CHASSIS & TRACK			
CHASSIS OVERALL LENGTH / WIDTH / HEIGHT	122 in. (310 cm) or 126.5 in. (321 cm) or 42-44 in. (106.5-111.5 cm) / 50 in. (127 cm)	126.5 in. (321 cm) / 42-44 in. (106.5-111.5 cm) / 50 in. (127 cm)	130.5 in. (331 cm) / 48-49 in. (122-124 cm) / 49 in. (124 cm)
TRACK TYPE	PowerClaw	PowerClaw	Cobra or Hurricane
TRACK WIDTH / LENGTH / LUG	15 in. (38 cm) / 146 in. (371 cm) or 154 in. (391 cm) 2.6 in. (6.6 cm)	15 in. (38 cm) / 146 in. (371 cm) or 154 in. (391 cm) 2.6 in. (6.6 cm)	15 in. (38 cm) / 146 in. (371 cm) / 1.75 in. (4.5 cm)
SKI STANCE	35-37 in. (89-94 cm) Adjustable	35-37 in. (89-94 cm) Adjustable	38-40 in. (97-101 cm) Adjustable
FEATURES			
STARTER	Manual or Push-Button Electric	Manual or Push-Button Electric	Push-Button Electric
HEADLIGHTS	LED	LED	LED
WINDSHIELD	N/A	N/A	5.5 in. (14 cm) low-height
STANDARD FEATURES	Tether Switch, Mountain Seat, ATACH Rear Storage, Vertical Steering, Standard Brake Disc, Ice Scratchers, Hand & Thumb Warmers, Integrated Goggle Holder Design, Sport Front Bumper, 12V Outlet	Tether Switch, Mountain Seat, ATACH Rear Storage, Vertical Steering, Standard Brake Disc, Ice Scratchers, Hand & Thumb Warmers, Integrated Goggle Holder Design, Sport Front Bumper, 12V Outlet	Tether Switch, Trail Seat, ATACH Rear Storage, Ratio Steering, Standard Brake Disc, Ice Scratchers, Hand & Thumb Warmers, Integrated Goggle Holder Design, Sport Front Bumper, 12V Outlet

NEW CATALYST 858



NEW CATALYST 858



ZR 858		ZR 600/858 R-XC		ZR 200	ZR 120 
ADAPT, ATACH		ADAPT, ATACH		AVAILABLE ONLY OUTSIDE THE EU	
Black or Medium Green/Black or Medium Green/Apple Green		Medium Green/Black		Medium Green/Black	Medium Green/Black
600 or 858 Series / 2-Stroke / 599cc or 858cc / Liquid / 2 Cylinder		600 or 858 Series / 2-Stroke / 599cc or 858cc / Liquid / 2 Cylinder		200 Series / 4-Stroke / 192cc / Air / 1 Cylinder	120 Series / 4-Stroke / 123cc / Air / 1 Cylinder
10.4 gal (39 L) / 3 qt (2.8 L)		10.4 gal (39 L) / 3 qt (2.8 L)		2.2 gal (8 L) / 0.6 qt (0.5 L)	0.5 gal (1.9 L) / 0.6 qt (0.5 L)
ADAPT CVT		ADAPT CVT		N/A	Arctic Centrifugal
ADAPT CVT		ADAPT CVT		6.75 in. (17 cm) diameter Arctic (roller cam)	Arctic 5.25 in. (13 cm) diameter (RPM Sensing)
AWS 42		AWS 42		AWS	AWS
SLIDE-ACTION with 3 wheel rear axle assemble and adjustable torsion springs. 137 in. (348 cm) track models are also equipped with coupling blocks and the Torque-Sensing Link rear arm. ATAC System is also available.		R-XC SLIDE-ACTION with 4 wheel rear axle assembly, coupling blocks, Torque-Sensing Link rear arm and adjustable torsion springs		Slide-rail, adjustable torsion spring, coil-over rear shock	Slide-rail, adjustable torsion spring
AC5S or FOX 1.5 iQS		FOX QS3R		Hydraulic twin tube	Hydraulic twin tube
AC5S		FOX 1.5 QS3		N/A	N/A
AC5S or FOX 2.0 iQS		FOX 2.0 QS3R		Hydraulic twin tube	N/A
118 in. (300 cm) or 126 in. (320 cm) / 48-49 in. (122-124 cm) / 47 in. (120 cm)		126 in. (320 cm) / 48-49 in. (122-124 cm) / 48 in. (122 cm)		84 in. (213 cm) / 35-37 in. (89-94 cm) / 36 in. (91 cm)	73 in. (185 cm) / 35-37 in. (89-94 cm) / 34 in. (86 cm)
Ripsaw or Ripsaw II		Cobra		Cobra	Cobra
15 in. (38 cm) / 137 in (348 cm) / 1.75 in. (4.5 cm)		15 in. (38 cm) / 137 in (348 cm) / 1.35 in. (3.5 cm) or 1.75 in. (4.5 cm)		10 in. (25 cm) / 93 in. (236 cm) / 1 in. (2.5 cm)	10 in. (25 cm) / 67 in. (170 cm) / 0.75 in. (1.9 cm)
41.5-42.5 in. (105-108 cm) Adjustable		41.5-42.5 in. (105-108 cm) Adjustable		29.5-31.5 in. (75-80 cm) Adjustable	30.5 in. (77.5 cm)
Push-Button Electric		Manual or Push-Button Electric		Turn-Key Electric	Manual
LED		LED		Halogen 1-bulb	Halogen 1-bulb
5.5 in. (14 cm) low-height		5.5 in. (14 cm) low-height		4 in. (10 cm) low-height	4 in. (10 cm) low-height
Tether Switch, Trail Seat, ATACH Rear Storage, Ratio Steering, Standard Brake Disc, Hand & Thumb Warmers, Integrated Goggle Holder Design, Sport Front Bumper, 12V Outlet		Tether Switch, Trail Seat, ATACH Rear Storage, Ratio Steering, Race Brake Disc / Standard Handguards / Hand & Thumb Warmers / Integrated Goggle Holder Design / Sport Front Bumper / 12V Outlet		Tether Switch, Standard Steering, Standard Brake Disc, Hand & Thumb Warmers, Youth Front Bumper	Tether Switch, Safety Flag, In-Seat Rear Storage, Standard Steering, Standard Brake Disc, Hand & Thumb Warmers, Youth Front Bumper



FIND THE RIGHT RIDE

We have sleds for every type of rider.
Tell us what kind you are, and we'll steer
you toward the perfect match.



BUYER'S GUIDE

arcticcat.com/snowbuyersguide



arcticcat.com



Snowmobiling is serious fun. Be sure to read and understand your owner's manual and please pay special attention to the safety instructions. Arctic Cat Inc. endorses and encourages the safe use of all snowmobiles. Be careful; you can get hurt. Wear an approved helmet and don't drink and ride. Be aware of natural hazards you may encounter, allow yourself plenty of room to safely stop your snowmobile under all conditions, and maintain your equipment. Your safety is in your hands, so take care. All scenes depicted or described in this brochure were performed by professional riders under carefully controlled conditions. Leave the fancy riding to the pros; they practice for years and train very hard to make it look easy. Never attempt to duplicate these maneuvers or encourage others to do so. We care about your safety and enjoyment of the sport. All materials and specifications are subject to change without notice. All specifications, competitive specifications, claims and information contained within are based on current knowledge and readily available printed material available as of January 1, 2024. All rights reserved. Cobra™ and Ripsaw™ are trademarks of Camso Inc. FOX®, FOX FLOAT® and FOX® ZERO are registered trademarks of FOX Racing Shox. Garmin is a trademark of Garmin Ltd. or its subsidiaries. ADAPT™, ALPHA ONE®, Arctic Cat®, Arctic Mountain Suspension™, Arctic Race Suspension™, ARS™, Ascender™, Arctic Wishbone Suspension™, AWS™, Bearcat®, CATALYST™, C-TEC2™, C-TEC4™, CVTEC™ ATAC®, Mountain Cat®, Power Claw™, ProClimb™, SLIDE-ACTION Rear Suspension™, Sno Pro®, Sno-Cross™, Team Arctic®, Thundercat®, Torque-Sensing Link™, ZR®, Norseman® and BLAST® are trademarks or registered trademarks of Arctic Cat Inc. The Arctic Cat snowmobile brand is among the most widely recognized and respected in the industry. The company designs, engineers, manufactures and markets snowmobiles, in addition to related parts, garments and accessories under the Arctic Cat brand name. Offerings and features are subject to change without notice. For more information, visit: www.arcticcat.com. ARCTICCAT.COM ARCTIC CAT'S ONLINE HQ. EVERYTHING FROM MACHINES AND SPECS DOWN TO THE ACCESSORIES AND GEAR YOU NEED TO TAKE ON THE WORLD. Part #82655-66.

