

2021 8000 R M



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NEW FOR 2021

- Light weight Engine mounting with Carbon Fiber TCL engine plate
- Chain case check plug replaced sight glass, new fill plug for better sealing
- Revised fuel line
- 154in. x 2. 6in. x 2.86in. pitch Power Claw track puts more lug on the ground with added traction feature locations

KEY FEATURES

- Alpha One Rear suspension allows track to follow the ground for improved traction and increased climbing abilities
- Arctic Mountain Front Suspension with Vertical Steering gives ultimate control and maneuverability on the hill
- Reinforced running boards with added width and traction
- Stronger rear tunnel section
- Lightweight composite steering support (3/4 LB Weight reduction)
- TEAM Rapid Response II Drive and Rapid Reaction Driven Clutches delivering constant belt tension for optimum performance at all times
- Offset Ski spacers for Adjustable Ski Stance
- All 4 shocks come standard with the QS-3 (Quick Switch 3 position) Compression Adjustment

ENGINE	
TYPE	2-stroke
DISPLACEMENT	794cc
COOLING	Liquid
CYLINDERS	Twin
BORE X STROKE	85 x 70 mm (2.906 x 2.756 in.)
LUBRICATION	Electronic Oil injection
CARBURETION	50 mm dual throttle body batteryless EFI
EXHAUST	APV with Tuned Pipe, Pipe Sensor & Stainless Steel Manifold & Muffler
COOLING SYSTEM CAPACITY	4.73 l (5.0 U.S. qt.)
STARTING SYSTEM	Manual recoil
GASOLINE	Require 91 Octane (min.)
FUEL CAPACITY	10.4 gal. (39.9 L)
POWERTRAIN	
DRIVE CLUTCH	TEAM Rapid Response II Drive Clutch
DRIVEN CLUTCH	TEAM Rapid Reaction Driven Clutch
DRIVE CLUTCH	19/50
CHAINCASE LUBRICANT LEVEL	355 ml (12 fl. oz.)
BRAKES	Stealth Master Cylinder with Lightweight Race Brake Disk
SUSPENSION	
FRONT SUSPENSION	Arctic Mountain Suspension (AMS) W/ Fox 1.5 Zero Qs3 Coil-Over Shocks
FRONT TRAVEL	7 in. (17.8)
REAR SUSPENSION	Alpha One Rear Suspension W/ Fox 1.5 Zero QS3 Coil-Over shocks
REAR TRAVEL	14 in. (35.6)
DIMENSIONS	
OVERALL LENGTH	132 in. (335 cm)
OVERALL WIDTH	42.5 – 44.5 in. (108–113 cm)
SKI STANCE	35.5–37.5 in. Adjustable (90- 95cm)
SKI TYPE	G2 ProClimb - 7 in. (17.8)
TRACK TYPE	Power Claw
TRACK WIDTH	15 in. (38 cm)
TRACK LENGTH	154 in. (391 cm)
LUG	2.60 in. (66 mm)
FEATURES	
COLORS	Black
STANDARD FEATURES	Push-Button Engine Reverse, Led Headlight, Front Bumper, Adjustable Handlebar, Deluxe Digital Gauge, Electric Gas Gauge, Low Oil Light, Coolant Overheat Light, Coolant Temp, Intake Air Temp, Low Fuel Light, High/Low Hand & Thumb Warmers, Accessory Outlet, Mtn-Height Windshield, Tether Switch
OPTIONAL FEATURES	AIM Solo Data Recorder or Equivalent, Alpha Rail Brace, Hill Climb Snow Flap, Tunnel Traction Protector Kit, Tunnel Reinforcement Kit, Multiple Factory Offered Accessories



Black

WARNING: Arctic Cat snowmobiles can be hazardous to operate. Be sure to read and understand your owner's manual and please pay special attention to the safety instructions. All riders should wear a helmet, eye protection, and protective clothing. Riding and alcohol/drugs don't mix. Never attempt maneuvers beyond your capabilities. Arctic Cat recommends that all riders take a training course. For additional safety and training information, please see your dealer or call 1-800-887-2887. Vehicles shown may include options not included on base model. All materials and specifications are subject to change without notice. All specifications, claims and information contained within are based on current knowledge and readily available printed material available as of June 17, 2020. Arctic Cat® is a registered trademark of Arctic Cat Inc. ©2020 Textron Specialized Vehicles Inc. All rights reserved. For more information, visit: www.arcticcat.com. [Rev. 06/2020]