

ZR 6000 R SX

SNOCROSS

2016 ARCTIC CAT TECHNICAL SPECIFICATIONS

2016 RACE UPDATES

- ProCross Chassis Design with Race Features
 - Improved rear spar tunnel mounting brackets
 - Reinforced foot pocket
 - Optional X-32 brake mounting features added
- 2.52" Pitch 9 tooth Track Drive shaft assembly, required for new track
- New 2.52" Pitch 129"x15"x1.75" SX track with 20% more effective lugs with optimized weight for improved traction and performance
- Race Proven Brake Caliper and Pads for improved wear and increased stopping power
 - New brake pads with increased backer thickness for improved durability
 - New Lightweight Stainless 2-pc brake disc for improved stopping power and reduced warping
- FOX 1.5 ZERO C Center Track Shock with wide range hand adjustable compression
 - Revised Calibration for improved handling
- New Rear Arm Adjust "Hole Shot" device for improved starting line traction and performance
- Borg Warner Chain and Sprockets for reduced stretch, lower friction, and increased strength
- New rear suspension rail cap for improved durability
- New Lightweight Torque Sensing link arm for improved durability
- New style retaining nuts in rear suspension for improved torque retention
- New steering support for reduced weight
- Revised driven clutch belt tensioner bolt for improved durability
- Revised PTO Engine plate assembly and mount orientation for improved durability and reduced engine movement
- Vent lines on carburetor have been removed
- New resonator outlet seal to prevent snow packing in belly pan
- New exhaust temp sensor for improved durability
- New bottom brake disc protector for improved brake cooling
- Addition of L/H spar pad for engine snubbing
- Revised chain case mounting and fasteners

ADDITIONAL FEATURES

- Offset Ski spacers for Adjustable Ski Stance
- High-Grip Seat Cover with Race Comfort Foam
- Race Proven TEAM Secondary Clutch with Race Driven Shaft
- FOX 2.0 ZERO RC Rear Track Shock with adjustable Compression and Rebound
- Float 3 EVOL RC Ski shocks with wide range hand adjustable Compression and Rebound Adjust
- Torque Overload Sensing (TOS) Bottom chain sprocket for eliminating spike loads into the drivetrain



ENGINE

Type	2-stroke
Displacement	599cc
Cooling	Liquid
Cylinders	Twin
Bore x stroke	73.8 x 70 mm (2.906 x 2.755 in.)
Lubrication	Premix (32:1 ratio) Arctic Cat Synthetic C-TEC2 Oil
Carburetion	Heated Mikuni TM40 mm rack w/TPS
Exhaust	APV with tuned ceramic-coated pipe, pipe sensor and canister
Cooling system capacity	3.8 l (4.0 U.S. qt.)
Starting system	Manual recoil
Gasoline	Require 92 Octane (min.) non-oxygenated
Fuel capacity (Actual)	7 gal (26.5 L)
Fuel capacity (Rated)	6.9 gal (26.1 L)

POWERTRAIN

Drive clutch	Arctic (rpm sensing)
Driven clutch	Team Driven (TSS-04)
Chaincase lubricant level	443.6 ml (15 fl. oz.)
Brakes	Race Hydraulic Master Cylinder with 2-piece stainless disk

SUSPENSION

Front suspension	ARS™ with FOX FLOAT® 3 EVOL RC shocks
Front travel	10 in. (25.4 cm)
Rear suspension	Slide-Action, FOX® 1.5 ZERO C center track shock and 2.0 ZERO RC rear track shock
Rear travel	13.5 in. (34.3 cm)

DIMENSIONS

Overall length	124.25 in. (315 cm)
Overall width	49.25–50.25 in. (125.1–127.6 cm)
Ski stance	43.5 in. (110.5 cm)
Ski material	C&A Pro XT Skis
Track type	2.52 in. pitch Snocross 2-ply
Track width	15 in. (38.1 cm)
Track length	129 in. (327.66 cm)
Lug	1.75 in. (4.445 cm)

COLORS

TEAM ARCTIC GREEN

STANDARD FEATURES

Hand warmers, thumb warmer, race-height windshield, check engine temp light, tether switch, V-Force reeds, adjustable timing-select module, ACT Hot start system, C&A PRO XT Snocross skis

OPTIONAL FEATURES

VIP Data Acquisition System