SMI **STANDARD POLECAT**

The SMI® Standard PoleCat is a simple nozzle fan snowmaker that excels in a wide range of weather conditions. Offered in a variety of custom tower and carriage mounts, the Standard PoleCat Snowmaker can be powered by a piston or vane compressor, or by hill air feed.

Available in manual or automatic mode, the versatile PoleCat uses a 10 HP (7.5 kW) or a 15 HP (11 kW) fan and 18 spray nozzles that are customized to achieve water flows to suit specific climates. Nucleated with a central six-jet nozzle, water flow is easily controlled by three heated, self-draining valves.

The Standard PoleCat is reliable and simple to operate and maintain—an excellent all-around performer for virtually any snowmaking conditions.

Call SMI or your local representative today for more information or visit us at snowmakers.com

POLECAT



AUTOMATION ■ ENGINEERING ■ CONSTRUCTION ■ EQUIPMENT

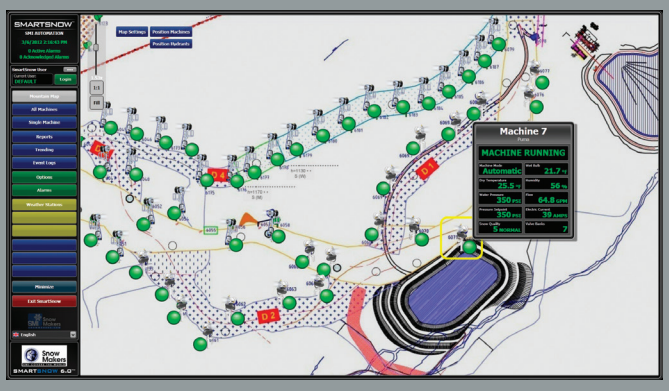


TECHNICAL SPECIFICATIONS

STANDARD POLECAT FLEXIBILITY AND PERFORMANCE

The Standard PoleCat is our mid-size snow machine for medium throw with many flexible automation options including remote control and full automatic modes of operation for individual standalone machines or when connected to a complete network.

SMI's SmartSnow™ Automation & Control software is flexible and customizable and offers proven communication options, accurate weather measurement, supporting equipment and instrumentation, integrated auxiliary equipment, and service that is second to none.



- Mount: 10.5'
  or 15.5' (3.2 m or 4.7 m) tower
  or 3 wheel painted A-frame carriage
  or 3 wheel galvanized steel carriage with Snowcat lifting brackets
- Electrical: Three phase
- Fan: Horsepower: 15 HP (11 kW) or 10 HP (7.5 kW)
  Fan Speed: 1760 rpm at 480V/60Hz or 1450 rpm at 400V/50Hz
  Propeller: SMI patented aluminum
  Screen: Stainless steel
- Compressor:
  5.5 HP (4.8 kW) Atlas Copco, 21.4 cfm at 100 psi (10.1 l/s at 7 bar)
  or 5 HP (3.7 kW) Hydrovane, 22 cfm at 100 psi (10.4 l/s at 7 bar)
  or 10 HP (7.5 kW) Hydrovane, 43.3 cfm at 100 psi (20.5 l/s at 7 bar)
- Heating: 225 W
  Optional spray nozzle heater 500 (at 400V/50Hz), 1300 W (at 480V/60Hz) 900 W Additional if Hill Air
- Water Pressure: 100-500 psi (7-35 bar)
- Water Connection: Customer's choice
- Valves: Three self-draining heated three-way valves
- Nozzles: Always on banks: 6 nozzles
  Valve 1: 4 nozzles
  Valve 2: 4 nozzles
  Valve 3: 4 nozzles
  Total: 18 nozzles
- Nucleators: Central nozzle with six jets
- Filtration System: Stainless steel filter with easy to use, washable 30 mesh screen
- Electrical Cord: Tower 40' (12 m) Carriage 100' (30 m)
- Rotation: 360° horizontal rotation, -10° to 60° elevation adjustment
- Oscillator: Optional for tower and galvanized carriage 70° arc of rotation

SMI Snow Makers

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