

900T

The crowning achievement
of knowledge and experience



115 m³/h

Maximum snow production



4,4 m

Machine height



11 l/s

Maximum flow rate

900T

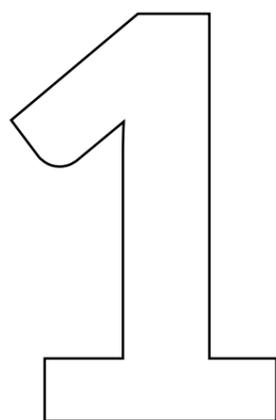
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The 900T model combines the best solutions used in our flagship devices with innovations that take snowmaking to an entirely new, previously unattainable level. The machine's power, combined with its design, enables precise snow coverage, including on narrow ski slopes. Snow always reaches where it's needed – even during strong winds.

High flow capacity

11 l/s

The 900T is our top snow gun, designed for intensive snow production. High flow rate (up to 11 l/s) and excellent snow quality make it the perfect choice for resorts needing to fully capitalize on every weather window.



The goal was clear: to create the most efficient snow gun in the world while ensuring easy servicing. The maximum flow rate reaches 11 l/s, but for us, snow quality was key – it's what truly determines production. We succeeded in combining both: high efficiency and excellent snow quality.



Dariusz Kaczor

Head of Innovation at SUPERSNOW

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SUPERpractical servicing

Service position

The 900T snow gun has been designed with convenient servicing in mind. Lowering the unit does not require disconnecting electrical or hydraulic cables, which allows for easy inspections and testing without the need to lift the device again.



High-quality components

TwinC® nozzle

The innovative ceramic insert used in TwinC® SUPERSNOW nozzles is highly resistant to abrasion from contaminated water flow. It ensures precise fluid direction, correct spray angle, and optimal droplet size – significantly boosting the snow gun's long-term efficiency.

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Increased nucleation efficiency

Water ring

Air from the compressor is cooled as it passes through the heat exchanger built into the water-air ring. This solution significantly boosts the nucleation system's efficiency, especially at marginal temperatures.

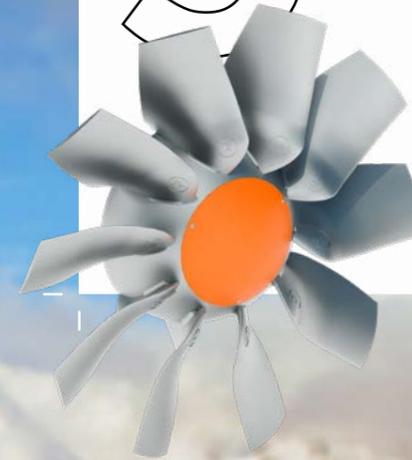


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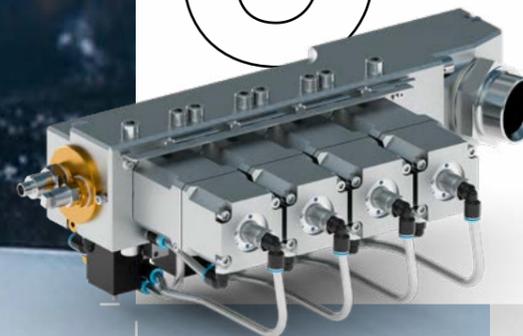


Improved fan performance

Fan

The fan integrated into the body of the 900T continues the design developed for the 700 series. The aluminum rotor and optimized blade shape reduce noise and improve efficiency compared to the already high-performing 900A version.

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Smart design

Valve system

A solution developed by SUPERSNOW engineers eliminates the need for water discharge via drain valves during operation. Water is discharged only during startup and shutdown. In all other cases, excess water is blown out through the water nozzles with compressed air, turning into snow and preventing ice buildup around the gun.

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11 l/s Flow
Max. water flow



115 m³/h Performance
Max. snow production



330-870 kg/m³ High snow quality
Range of produced snow density



7 Precision
Number of snow quality levels



22,4 kW Savings
Energy consumption

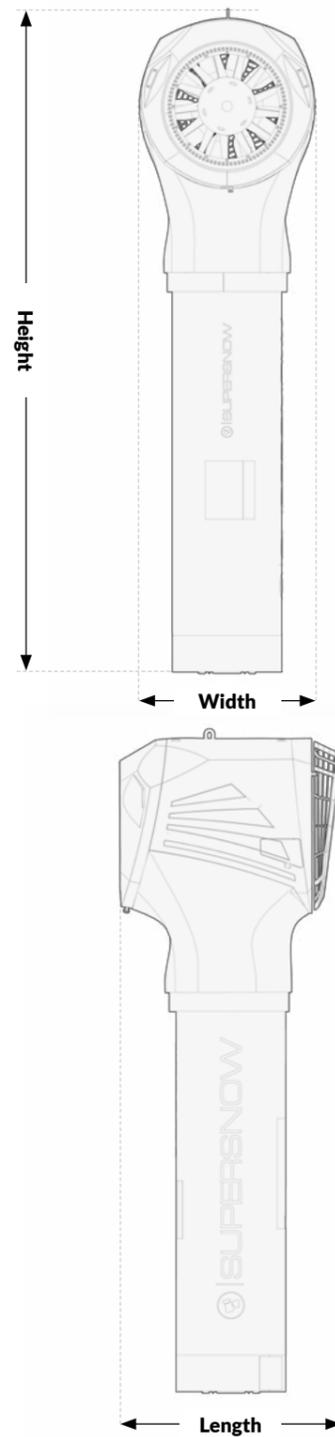


0°-45° Performance in harsh conditions
Tube tilt angle



4,4 m Size
Machine height

Dimensions



Technical data

Number of water sections	5
Number of nucleation rings	1
Number of water nozzles	98
Number of nucleator nozzles	8
Max. water flow	11 l/s
Max. water consumption	670 l/min
Max. snow production	115 m³/h
Range of produced snow density	330-870 kg/m³
Number of snow quality levels	7
Horizontal rotation	360°
Tube tilt angle	0°-45°
Total machine height	4,4 m
Snow gun weight without chassis	
Snow gun	817 kg
Width	1250 mm
Height	4392 mm
Length	1519 mm
Electrical	
Power demand	21,15 kW
Water ring heating	1,5 kW*
Oil-free compressor	4 kW
Fan motor	15 kW
Other elements	0,65 kW

*average value of power consumption, maximum value in extreme conditions: 2.75 kW

Standard equipment

2x LED work lights, 12/24 V, 19 W
LED warning light
Oil-free compressor 4 kW
2" female camlock water connector
Rubber water hose, 2,05 m
Main gun filter accessible from operator level
Encoder set
Power cable 4x10 mm ² , 5-pin plug, 63 A, 3,5 m
Hydrant drive cable, 4,5 m
Technical base

Optional equipment

Control panel
SUPERWIRE or SUPERWAVE communication
DV7 hydrant drive
Assisted, internal, complete hydraulic lift system for 900T – actuator with power unit
Manual, external, complete hydraulic lift system for 900T – actuator with power unit

Snowmaking equipment

Lances: 1V, 2V, 3V, 3V+

Snow guns: 900T, 900H, 900A, 900MN, 700S, 700H, 700ASE, 600M

All Weather Snow

Booms and poles

H800

ST170

T400 / T600

Infrastructure

Retention tanks

Pipelines

Pump stations

Mobile pump stations MP200 and MP500

Cooling towers

Filtration systems

Electrical networks on slopes

Central air systems

Services and software

Snowline24

Quick on-site service

SNOWMATIC

Mobile app

Snowmaking systems design

Slope profiles design

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Technology that cares for snow

