

900H

Snowmaking market
transformation



115 m³/h

Maximum snow production



22.4 kW

Energy consumption



11 l/s

Maximum flow rate

900H

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The 900H model combines the best solutions used in our flagship devices with innovations that take the snowmaking process to an entirely new, previously unattainable level. The machine's power, combined with its design, enables precise snowmaking even on narrow ski slopes. Snow always reaches where it's needed – even in strong winds.

High capacity

11 l/s

The 900H 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 that need to maximize every weather window.

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900H

Snowmaking market transformation

 SUPERSNOW



Uncompromised mobility

Standard working position

The 900H is a response to the transformation of the snowmaking market, where maximum efficiency and operation in increasingly shorter weather windows are key. This mobile snow gun offers top performance with full slope mobility.

3

High-quality components

TwinC® nozzle

The innovative ceramic insert used in TwinC® SUPERSNOW nozzles is highly resistant to abrasion caused by contaminated water flow. It ensures precise fluid direction, maintains the correct spray angle and optimal droplet size – significantly increasing long-term gun performance.



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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 improves nucleation system efficiency, increasing snow output – especially at marginal temperatures.

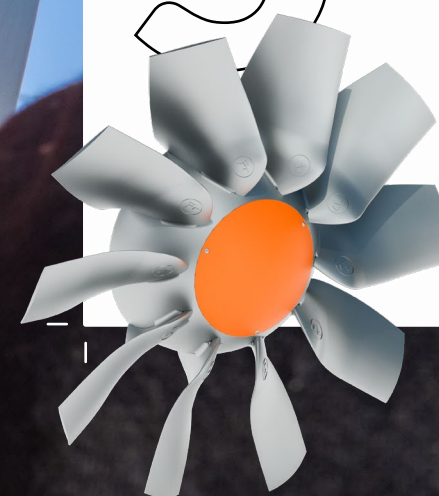


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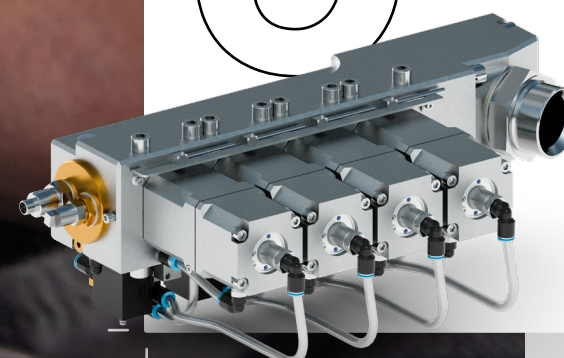


Improved fan performance

Fan

The fan integrated into the 900H design continues the concept developed for the 700 series. The aluminum rotor and optimized blade shape allow for noise reduction and increased efficiency of the fan system compared to the already high-performing 900A version.

6



Smart design

Valve system

A solution developed by the SUPERSNOW engineering team eliminates the need for water drainage via blow-off valves during operation. Water is drained only during startup and shutdown. At other times, excess water is blown through the water nozzles with compressed air, turning into snow and preventing ice from forming around the machine.

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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

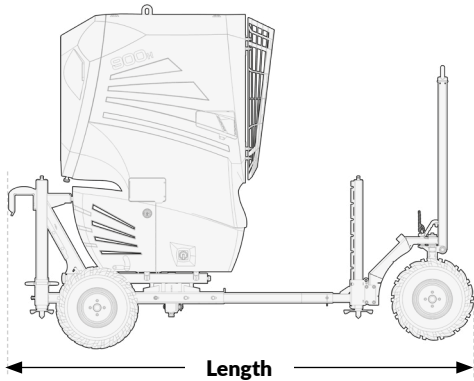
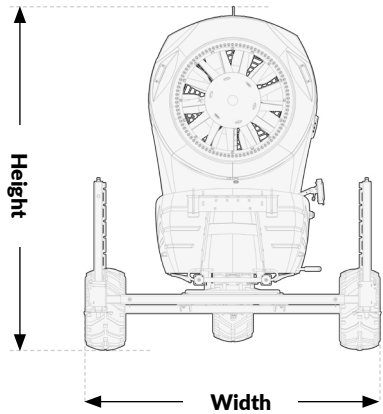


22.4 kW Savings
Energy consumption



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

Dimensions



	transport	with legged chassis	with wheels
Width	1100 mm	2120 mm	2120 mm
Height	2390 mm	2300 mm	2455 mm
Length	1890 mm	2485 mm	3200 mm

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	660 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°
Maximum starting temperature	-1.5 °C TWB
Number of water-flow adjustment stages	16
Compressor – flow rate	500 l/min at 6 bar
Snow gun without chassis	
Snow gun	640 kg
Width	2120 mm
Height	2455 mm
Length	3200 mm
Electrical	
Max. power consumption	22.4 kW
Water ring heating	1.5 kW*
Oil-free compressor	4 kW
Fan motor	15 kW
Other components	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
Angled rotary connector with horizontal inlet with 2" female camlock
Rubber water hose for mobile snow gun, 1.9 m
Power cable 4x10 mm ² , 5-pin plug, 63 A, 22 m
Hydrant drive cable, 22 m
Operator panel cable
Optional equipment
Operator panel
SUPERWIRE or SUPERWAVE communication
DV7 hydrant drive
DV7 dedicated hydrant drive mount
SNOWFLEX hose with 2" camlock ends, 20 m
Legged or wheeled chassis

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

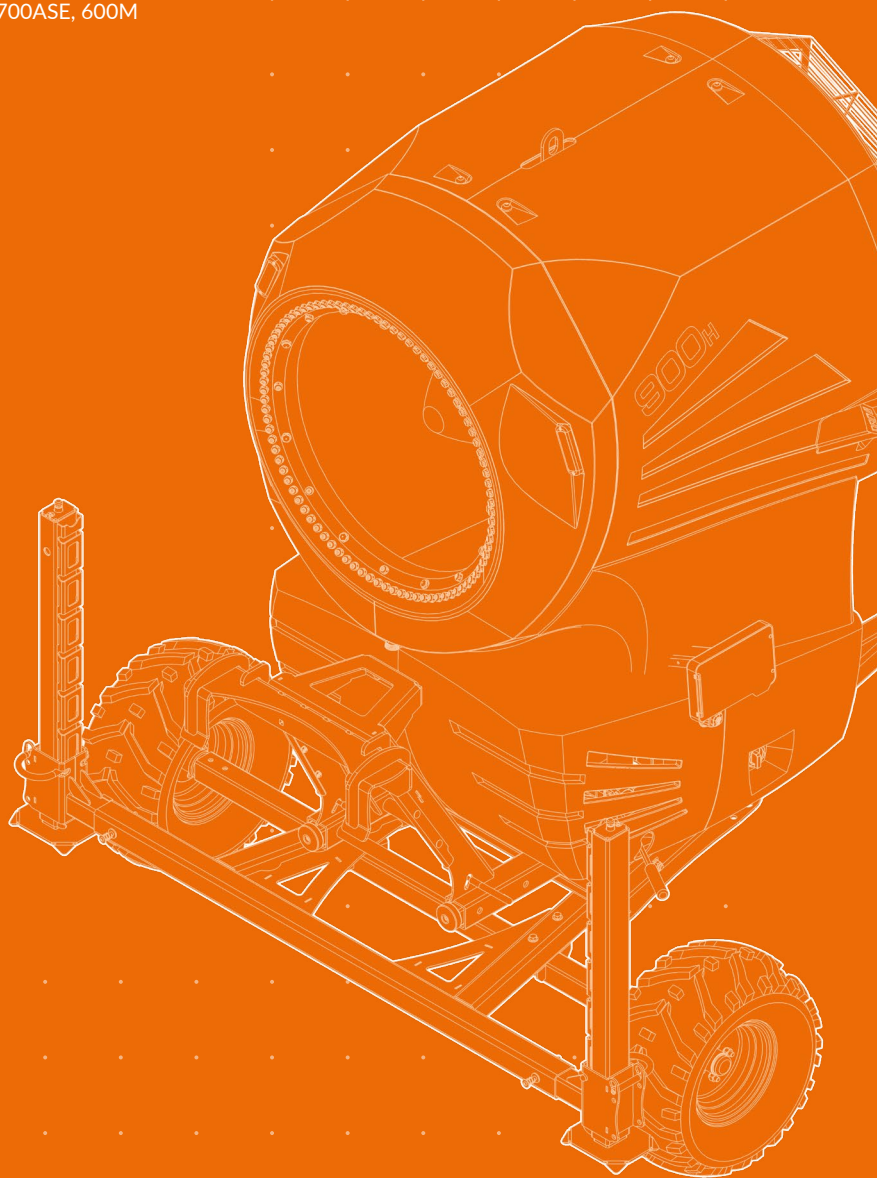
Quick on-site service

SNOWMATIC

Mobile app

Snowmaking systems design

Slope profiles design



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Technology that cares for snow

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