

# 700H

Minimum energy,  
maximum performance



 **85 m<sup>3</sup>/h**

Maximum snow production

 **14,3 kW**

Nominal power consumption

 **510l/min**

Max. water consumption

# 700H

## Minimum energy, maximum performance

The 700H snow gun stands out for its high reliability and efficiency, as well as the lowest energy consumption among devices with comparable performance.

# 1



### SUPERefficient

#### Nucleator nozzle

The design of the nucleator nozzle enables optimal nucleating mix parameters with significantly reduced pressure and compressed air usage. As a result, compressor power has been reduced from 4 to 1.5 kW without loss of performance.



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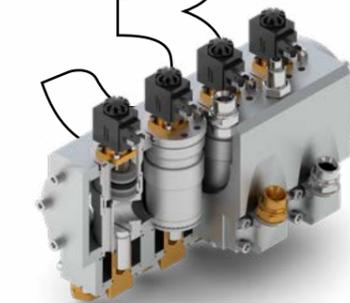


## High-quality components

### TwinC® nozzle

The innovative ceramic insert used in TwinC® SUPERSNOW nozzles is highly resistant to abrasion caused by the flow of contaminated water. It ensures proper liquid flow direction, maintaining the correct spray angle and optimal droplet size, resulting in optimal gun performance for years.

3



## Smart design

### Hybrid water unit

The hybrid water unit design reduces energy use by utilizing thermal energy and water pressure to operate valves. This solution ensures efficient, eco-friendly operation while meeting the highest energy standards.

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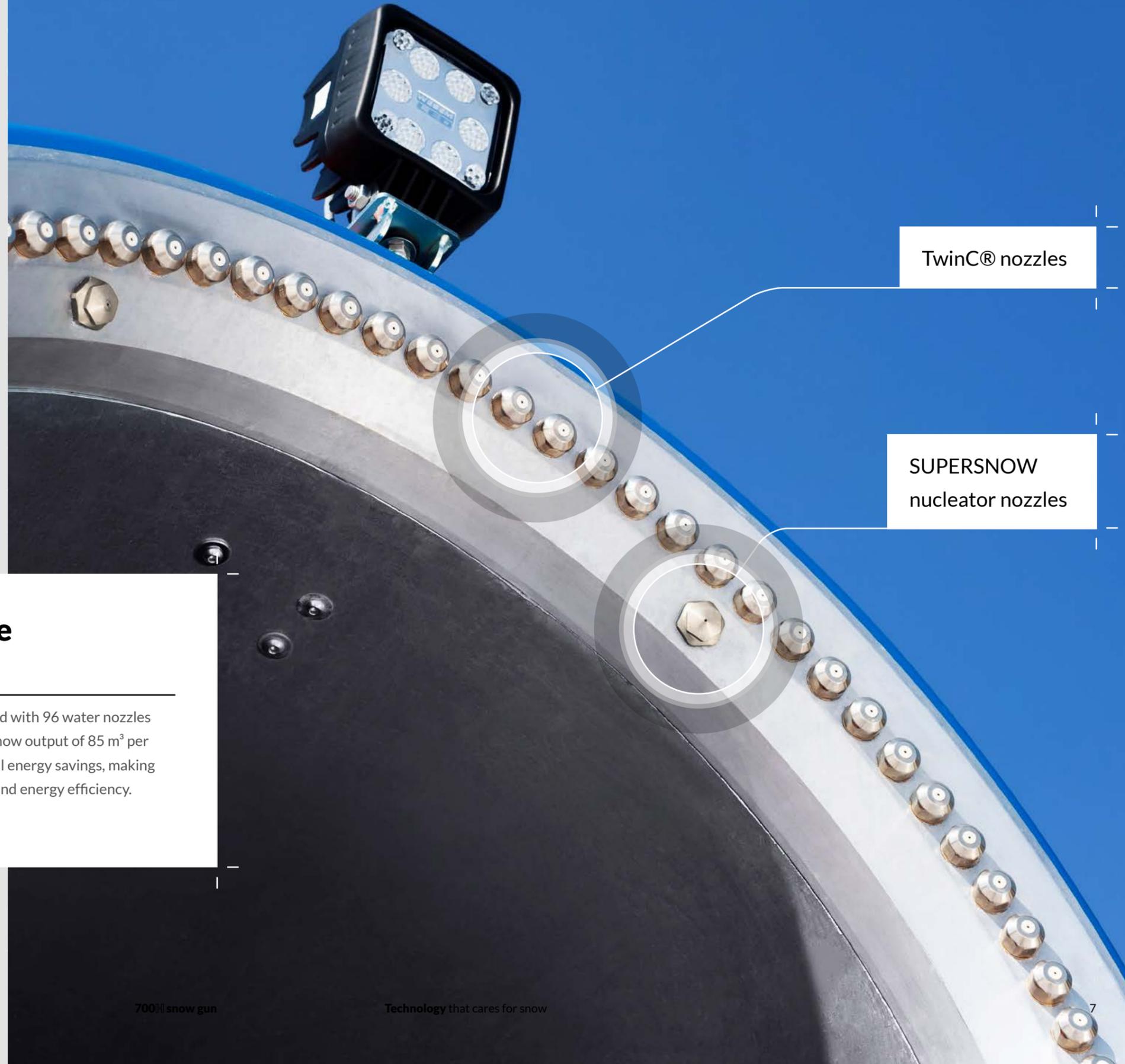


4

## High performance

### Water ring

The ring in the 700H model is equipped with 96 water nozzles and 6 nucleator nozzles, achieving a snow output of 85 m<sup>3</sup> per hour. Its design also supports electrical energy savings, making it a great combination of high output and energy efficiency.



TwinC® nozzles

SUPERSNOW  
nucleator nozzles

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# 5

## Faster maintenance

Mesh filter

We design our devices to be simple and intuitive. Cleaning the mesh filter is extremely easy – just rinse it under running water. Installing and removing ceramic nozzles is also very simple. These are examples of simplified maintenance tasks that save time.

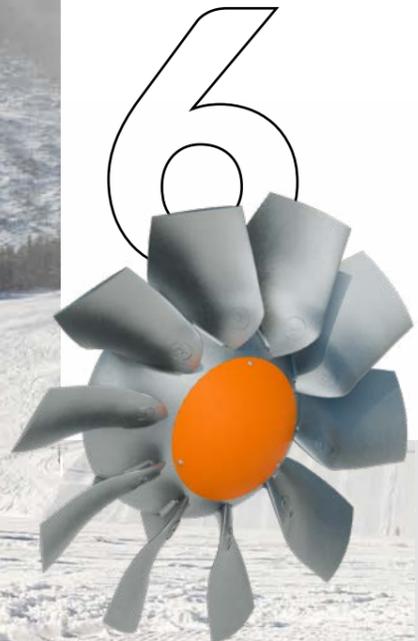


# 6

## Reduced noise level

Fan

The precisely engineered fan channel and rotor geometry minimize airflow resistance through the gun tube. The use of stiffened rotor blades further reduces noise and increases fan performance.



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**85 m<sup>3</sup>/h**

**Performance**

Max. snow production



**330-870 kg/m<sup>3</sup>**

**High snow quality**

Range of produced snow density



**7**

**Precision**

Number of snow quality levels



**510 l/min**

**Efficiency**

Max. water consumption



**14,3 kW**

**Savings**

Nominal power consumption

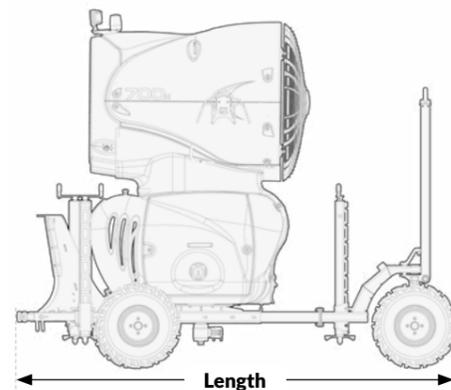
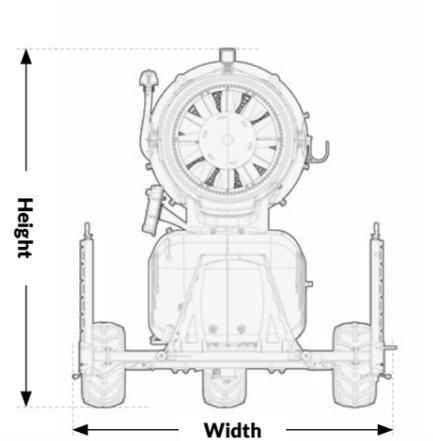


**360°**

**Functionality**

Rotation range

## Dimensions



	transport	with legged chassis	with wheels
<b>Width</b>	1270 mm	2139 mm	2139 mm
<b>Height</b>	2395 mm	2330 mm	2449 mm
<b>Length</b>	1530 mm	2289 mm	3016 mm

## Technical data

Number of water sections	<b>5</b>
Number of nucleation rings	<b>1</b>
Number of water nozzles	<b>96</b>
Number of nucleator nozzles	<b>6</b>
Operating water pressure	<b>8-40 bar</b>
Water consumption up to	<b>510 l/min</b>
Max. snow production	<b>88 m<sup>3</sup>/h</b>
<b>Weight</b>	
Snow gun without chassis	<b>600 kg</b>
Snow gun on technology base	<b>620 kg</b>
Complete legged chassis	<b>160 kg</b>
Wheeled chassis	<b>270 kg</b>
<b>Other</b>	
Fan rotation speed	<b>1450 rpm</b>
Range of produced snow density	<b>330-870 g/l</b>
Number of snow quality levels	<b>7</b>
Tube tilt angle adjustment range	<b>0°-45°</b>
Rotation range	<b>360°</b>
Automatic oscillation with adjustable angle	<b>15°-120°</b>
<b>Electrical</b>	
Nominal power consumption	<b>14,3 kW</b>
Water ring heating	<b>1,8 kW</b>
Compressor	<b>1,5 kW</b>
Fan motor	<b>11 kW</b>

## Standard equipment

LED work light, 12/24 V, 30 W
Warning light
Oil-free compressor 1,5 kW
Angled rotary connector with horizontal inlet with 2" female camlock
Rubber water hose for mobile snow gun, 1.9 m
Integrated detachable operator panel
Power cable 5x6 mm <sup>2</sup> , 22 m
Hydrant drive cable, 22 m
Operator panel cable, 1.8 m

### Optional equipment

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

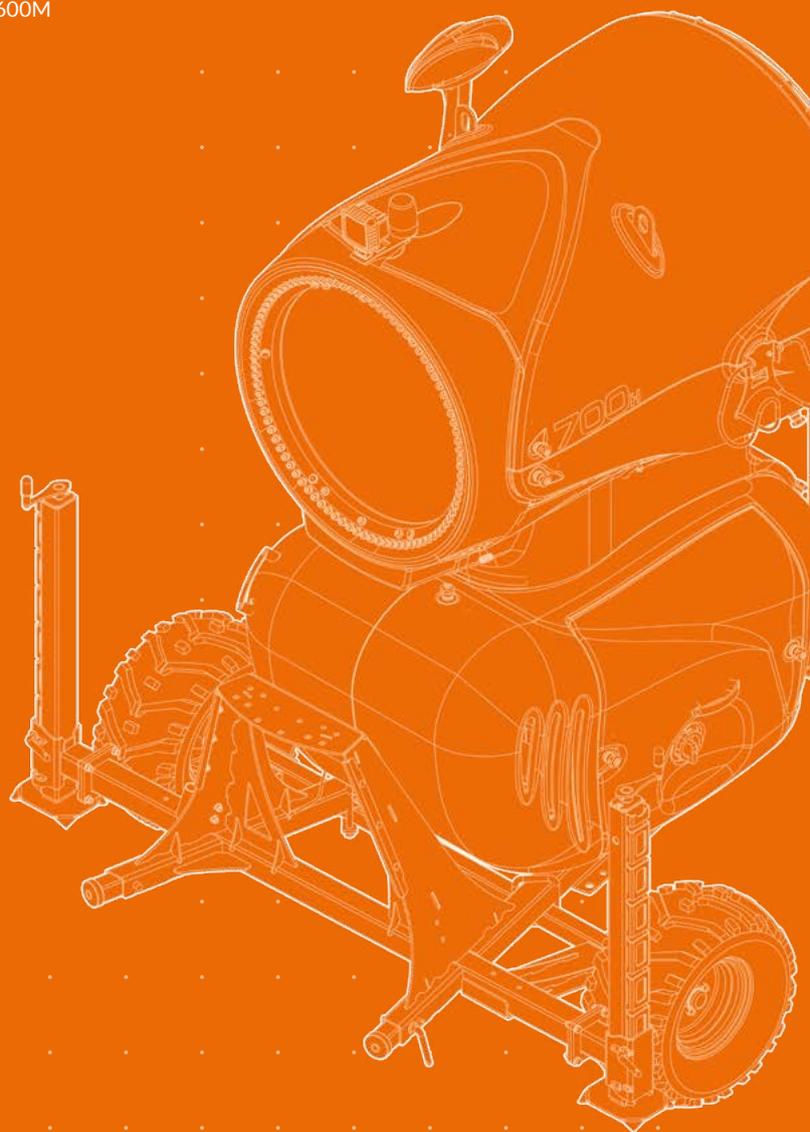
Quick on-site service

SNOWMATIC

Mobile app

Snowmaking systems design

Slope profiles design



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**Technology** that cares for snow

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