

700 ASE

Uncompromising



 **83 m³/h**

Maximum snow production

 **17 kW/h**

Nominal power consumption

 **480 l/min**

Maximum water consumption

700ASE

Uncompromising

Combining cutting-edge technology with proven solutions has resulted in an efficient and reliable automatic snow gun that consistently meets key objectives: energy savings, quiet operation, and top-quality snow production.



The **700ASE** is a solution trusted by many customers – reliable, simple, and effective. We recommend it where high snow quality, trouble-free operation, and reasonable pricing matter.



Robert Moczarny

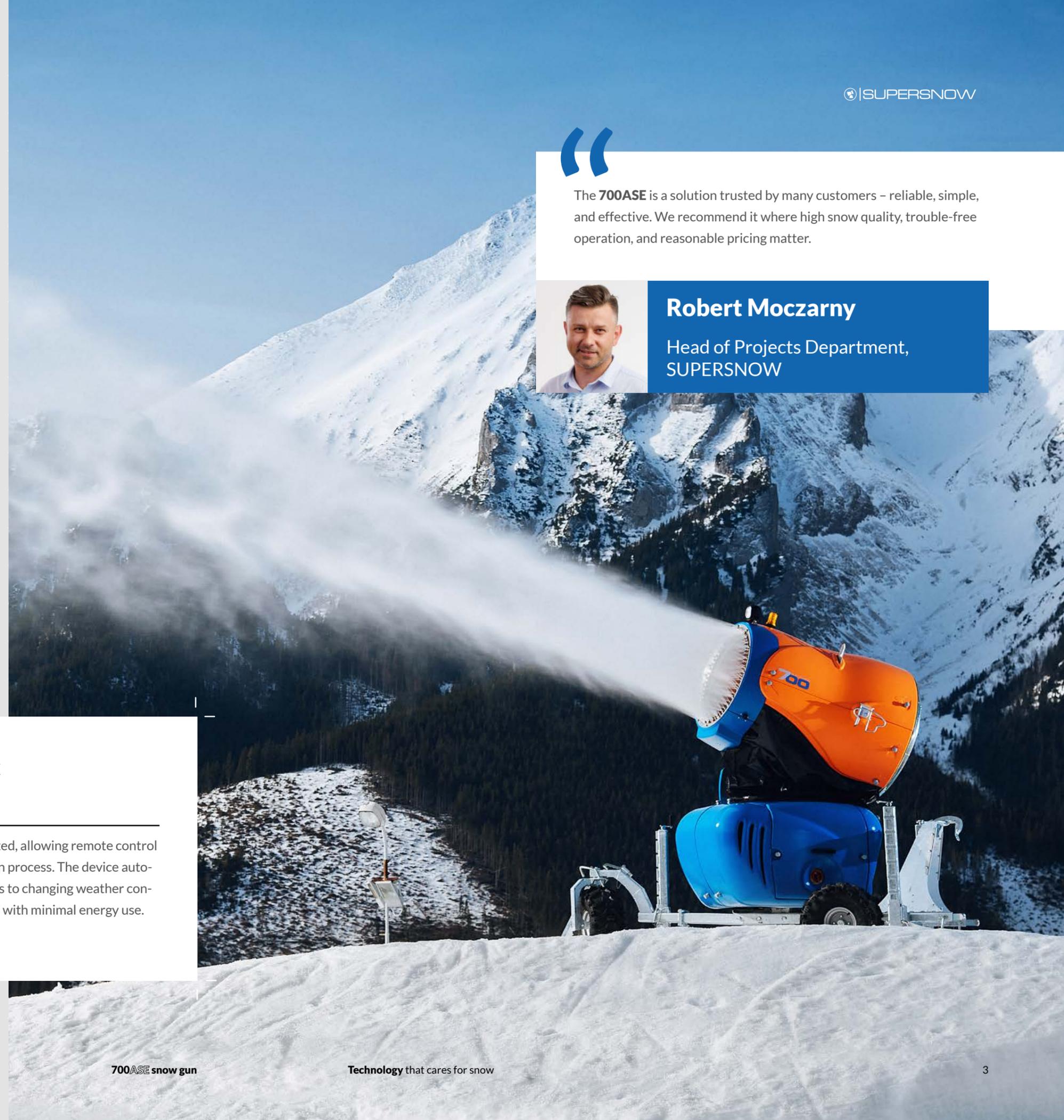
Head of Projects Department,
SUPERSNOW



SUPERautomatic

Weather station

The 700ASE snow gun is fully automated, allowing remote control and monitoring of the snow production process. The device automatically adjusts operating parameters to changing weather conditions, ensuring optimal performance with minimal energy use.



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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 contaminated water flow. It ensures proper fluid direction, maintaining the correct spray angle and optimal droplet size, resulting in the gun's optimal performance for years.

3



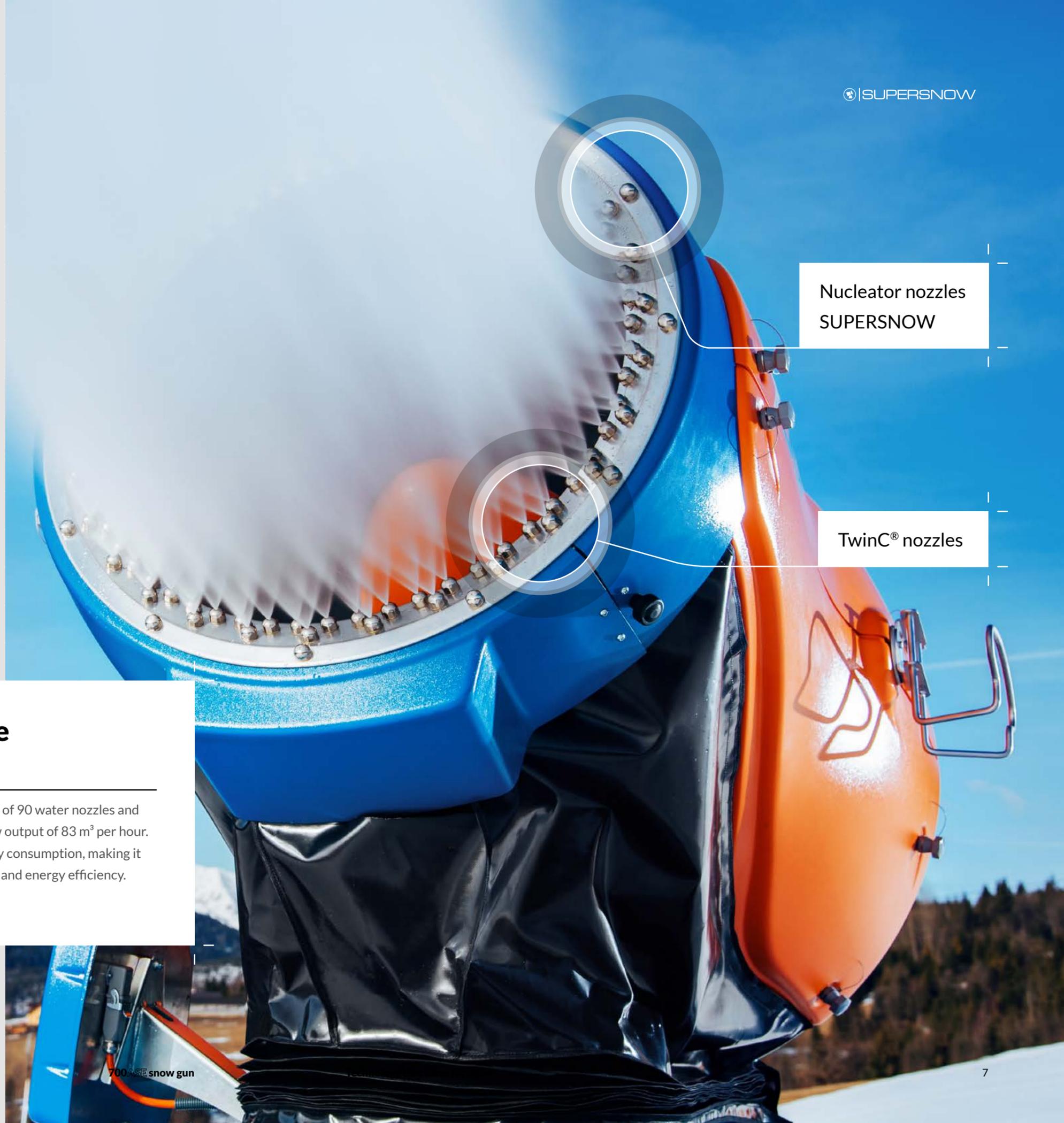
Energy savings

Hydraulic water system

The 700ASE snow gun stands out in its class for high energy efficiency. This is due to an innovative hydraulic control system that replaces traditional electrical systems. Hydraulic control of oscillation, tube lifting, and hydrovalves also ensures reliable operation in all conditions.

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Nucleator nozzles
SUPERSNOW

TwinC® nozzles

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High performance

Water ring

The ring in the 700ASE model consists of 90 water nozzles and 12 nucleator nozzles, achieving a snow output of 83 m³ per hour. Its design also positively affects energy consumption, making it a perfect combination of performance and energy efficiency.



700ASE snow gun

700ASE

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Faster maintenance

Slotted filter

We design our devices to be simple and intuitive. The slotted filter is very easy to clean – just rinse it under running water. Installing and removing ceramic nozzles is equally easy. These are examples of simplified maintenance tasks that save time.

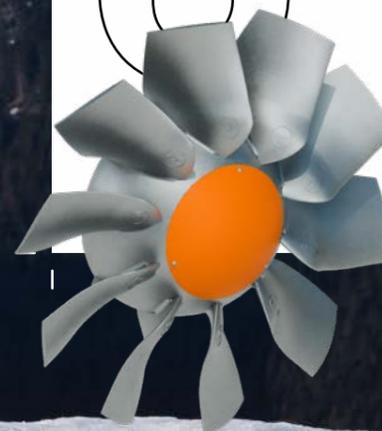


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Reduced noise level

Fan

The tube of the 700ASE gun is based on an innovative 10-blade aluminum fan. The precisely engineered fan channel geometry optimizes rotor operation, reducing airflow resistance in the tube. The spherical hub shape reduces noise and increases fan efficiency.



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83 m³/h

Performance

Max. snow production



330-870 kg/m³

High snow quality

Range of produced snow density



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Precision

Number of snow quality levels



480 l/min

Efficiency

Max. water consumption

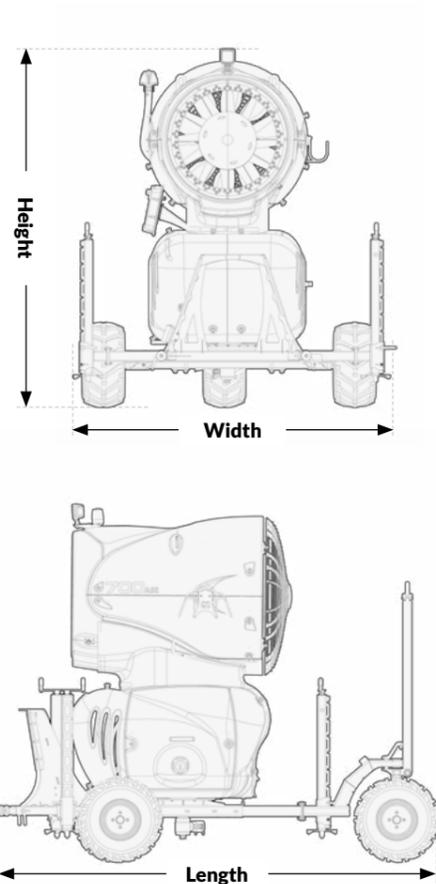


17 kW

Savings

Nominal power consumption

Dimensions



	transport	with legs	with wheels
Width	1270 mm	2139 mm	2139 mm
Height	2395 mm	2330 mm	2449 mm
Length	1530 mm	2289 mm	3016 mm

Technical specifications

Number of water sections	4
Number of nucleation rings	1
Number of water nozzles	90
Number of nucleator nozzles	12
Number of nucleator nozzles	8-40 bar
Water intake up to	480 l/min
Max. snow production	83 m³/h
Weight	
Snow gun without chassis	650 kg
Snow gun on technical base	670 kg
Complete legged chassis	160 kg
Wheeled chassis	270 kg
Others	
Fan rotation speed	1450 rpm
Snow density range	330-870 g/l
Number of snow quality levels	7
Tube tilt angle adjustment range	0°-45°
Rotation range	360°
Automatic oscillation with adjustable angle range	15°-120°
Electrical system	
Nominal power consumption	17 kW
Water ring heating	2,1 kW
Compressor	4 kW
Fan motor	11 kW
Other	0,9 kW

Standard equipment

LED work light, 12/24 V, 30 W
Warning light
Oil compressor 4 kW
Angled rotary connector with horizontal inlet with 2" female camlock
Rubber water hose for mobile snow gun, 1.9 m
Operator panel on electrical box
Power cable 5x6 mm ² , 22 m long
Hydrant drive cable, length 22 m
Operator panel cable, length 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

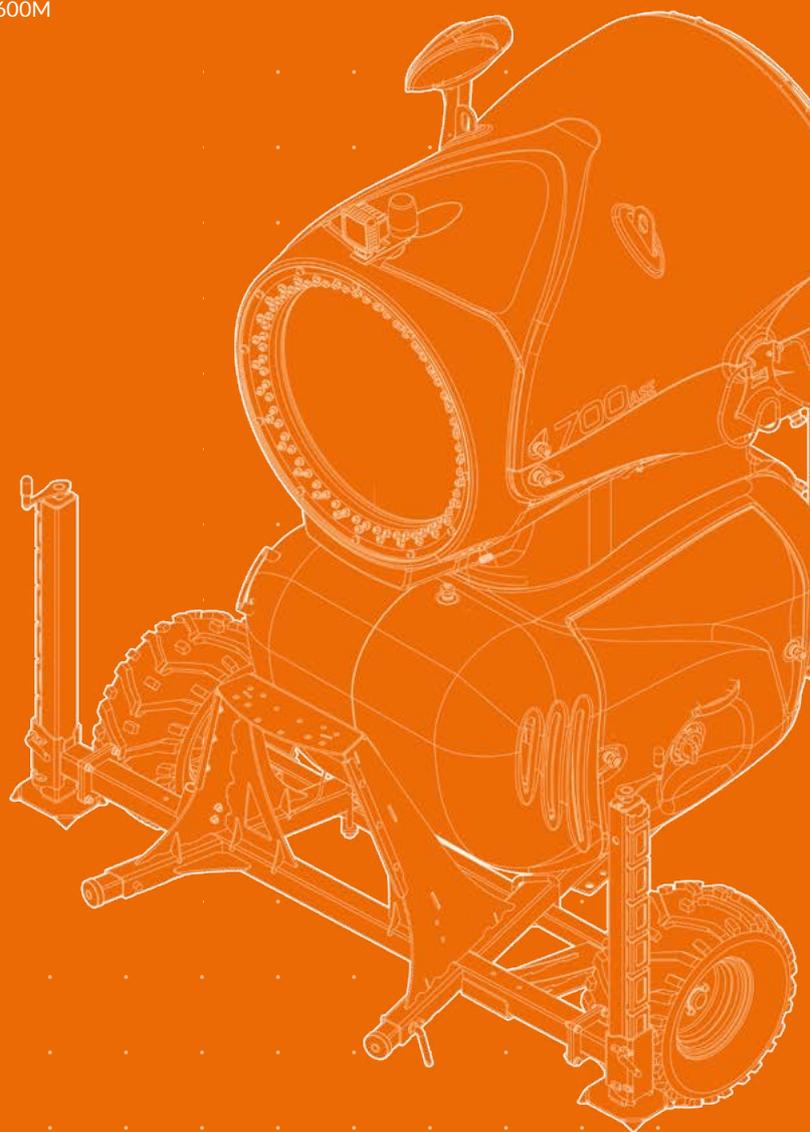
Quick on-site service

SNOWMATIC

Mobile app

Snowmaking systems design

Slope profiles design



SUPERSNOW SA

📍 Ks. A. Siudy 11, 34-436 Maniowy
POLAND

☎ +48 18 265 35 55

SUPERSNOW GmbH

📍 Gewerbepark 10, 6426 Roppen
ÖSTERREICH

☎ +43 (0) 5417 51010

SUPERSNOW SRL

📍 Sibiu, Alba Iulia street, nr.51.
550052 Sibiu, ROMANIA

☎ +40 721 298 309

✉ biuro@supersnow.com

🌐 supersnow.com

f facebook.com/careforsnow

Technology that cares for snow

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