



# 700<sub>H</sub>

Also on offer:



900<sub>A</sub>



700<sub>s</sub>



700<sub>ASE</sub>



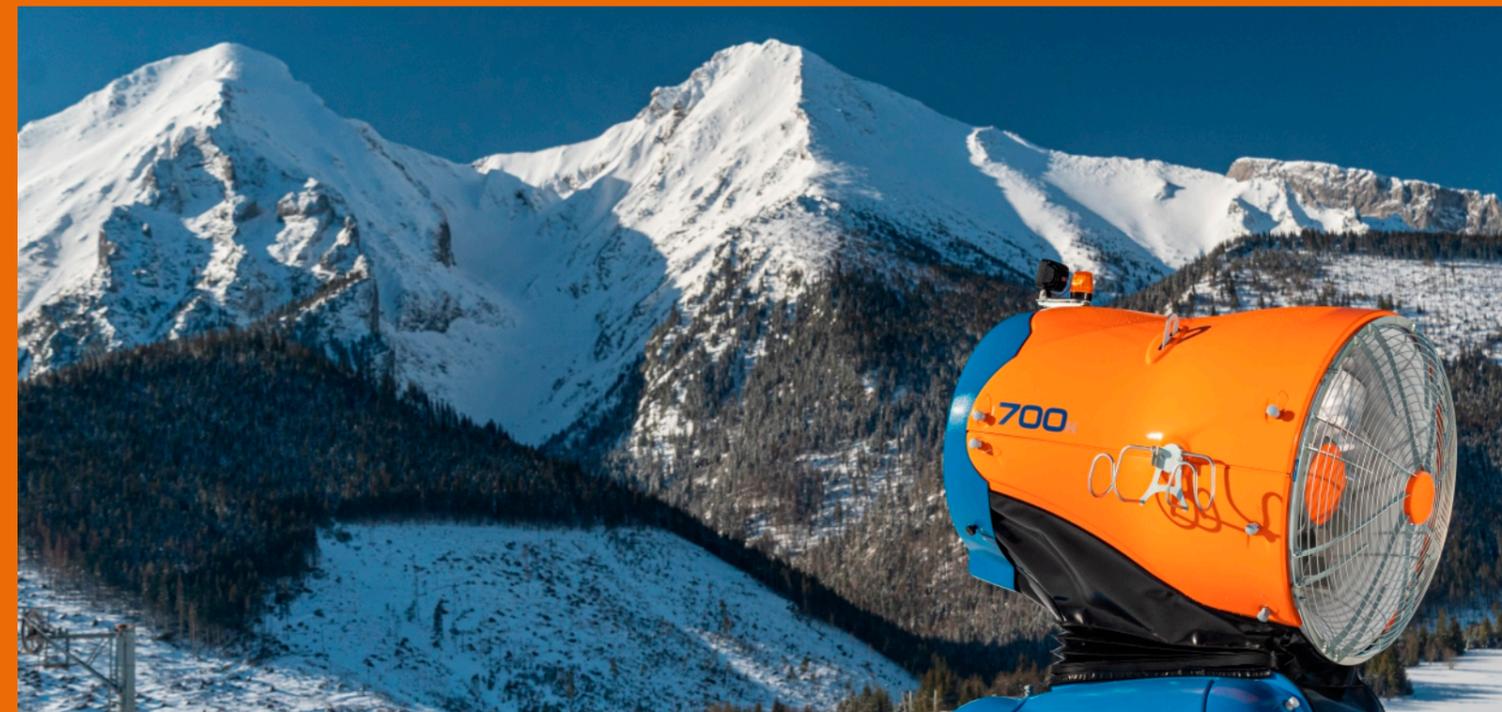
900<sub>MN</sub>



600<sub>M</sub>



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**Technology** that cares for snow

EN

## 700H - BEST IN CLASS IN TERMS OF ENERGY CONSUMPTION

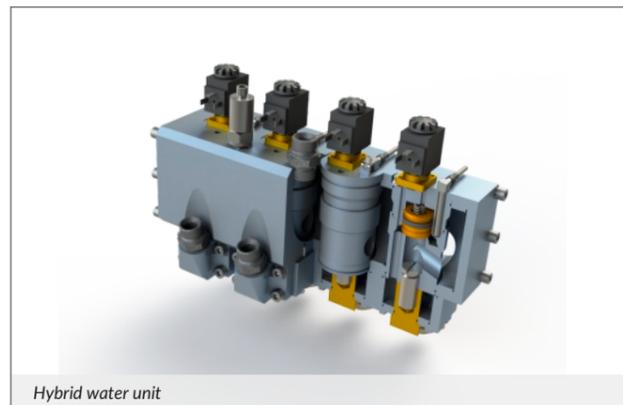
The 700H features high reliability and performance, as well as the lowest energy consumption in the class of comparable performance devices.



TwinC<sup>®</sup> SUPERSNOW nozzles

### TwinC<sup>®</sup> SUPERSNOW ceramic nozzles

The abrasion-resistant, ceramic TwinC<sup>®</sup> SUPERSNOW nozzles significantly increase the snow gun's performance. This is possible thanks to the innovative ceramic insert, which is characterized by high resistance to abrasion caused by the flow of water contaminated with sand particles and other precipitates that the filter will not collect. The ceramic insert allows the proper flow of water, which guarantees the maintenance of the correct angle of its atomization and ensures optimal droplet size for years.



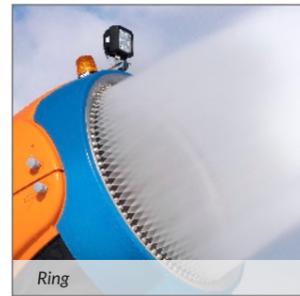
Hybrid water unit

### Hybrid water unit

The main idea of designing this valve block was to take advantage of the heat and pressure of the water that is supplied to the snow gun.

Advantages of the design:

- Reducing energy consumption - using thermal energy from water,
- Using the energy (pressure) of water to control valves.



Ring



Ventilated meteo station

### Lightweight design

The 700H's ultra-lightweight design (600 kg) makes it easy to move on the slopes, and putting it on a tower is also super easy.



Fan

### Innovative aluminum axial fan with spherical hub.

The fan duct geometry, refined to the smallest detail, optimizes the performance of the propeller, minimizing air flow resistance through the tube.

The spherical shape of the hub results in reduced noise and increased fan performance



Slotted filter

### A new dimension of work - the slotted filter

The 700H is equipped with a slotted filter characterized by greater durability compared to conventional mesh filters. The filter cartridge is cleaned by rinsing it under running water. In addition, the special design and easy access make it impossible to damage the filter during cleaning.

### Even more "eco"

The actuator and oscillation are electrically driven, making the 700H an oil-free model. The use of an innovative nucleation system has reduced energy consumption by 2.5 kW, making the 700H snow gun even more environmentally friendly.

### SPECIFICATIONS

Number of water sections	5
Number of nucleation rings	1
Number of water jets	96
Number of nucleators	6
Working pressure of water	8-40 bar
Water intake	up to 510 l/min
Max. snow production	up to 88 m <sup>3</sup> /h

### WEIGHT / DIMENSIONS

Snow gun without chassis	600 kg
Snow gun on technological base	620 kg
Leg chassis complete (single handle)	160 kg
Wheel chassis (single handle)	270 kg
	transport      with leg chassis      with wheels
Width	1270 mm      2139 mm      2139 mm
Height	2395 mm      2330 mm      2449 mm
Length	1530 mm      2289 mm      3016 mm

### OTHER

Fan speed	1450 rpm
Range of density of snow produced	330 - 870 g/l
Number of degrees of snow quality	7
Adjustment range of tube angle	0° - 45°
Range of rotation	0 - 360°
Ejection range	70 m

### ELECTRICS

Average power consumption	14,3 kW
Water ring heating	on average 1,8 kW
Oil-free compressor	1,5 kW
Fan motor	11 kW

### STANDARD EQUIPMENT:

- Rubber water hose (1.9 m);
- Hydrant drive cable (22 m);
- Operator panel cable (1.8 m);
- 5x6 mm<sup>2</sup> power cable (22 m);
- Oil-free compressor 1.5 kW;
- LED lamp;
- Warning light;
- Operator panel integrated into the snow gun;
- Leg chassis;
- Weather station;
- Snow groomer single handle;
- Angled swivel connector with horizontal inlet with Camlock 2" female.



### OPTIONAL/EXTENDED EQUIPMENT:

- Hydrant adapter;
- Rubber water hose;
- RV100 Hydrant;
- Wheels for the leg chassis;
- ETH/LTE/other communications;
- DV7 hydrant drive charger (8 outlets);
- Mobile snow gun cover mattress;
- DV7 hydrant drive;
- Snow gun cover;
- Extender for mounting the operator panel on the jib;
- Communication cable extender (20 m);
- DV7 drive cable extender (20 m);
- Extension power cord (20 m);
- Smartphone control via mobile app;
- DV7 drive mount for hydrant;
- Snow groomer double handle;
- SNOWFLEX hose with Camlock 2" ends (20 m);
- H800, ST170, T400, T600 jibs;
- Spare water filter cartridge type 365.