

# Booms and towers



**H800**

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**ST170**

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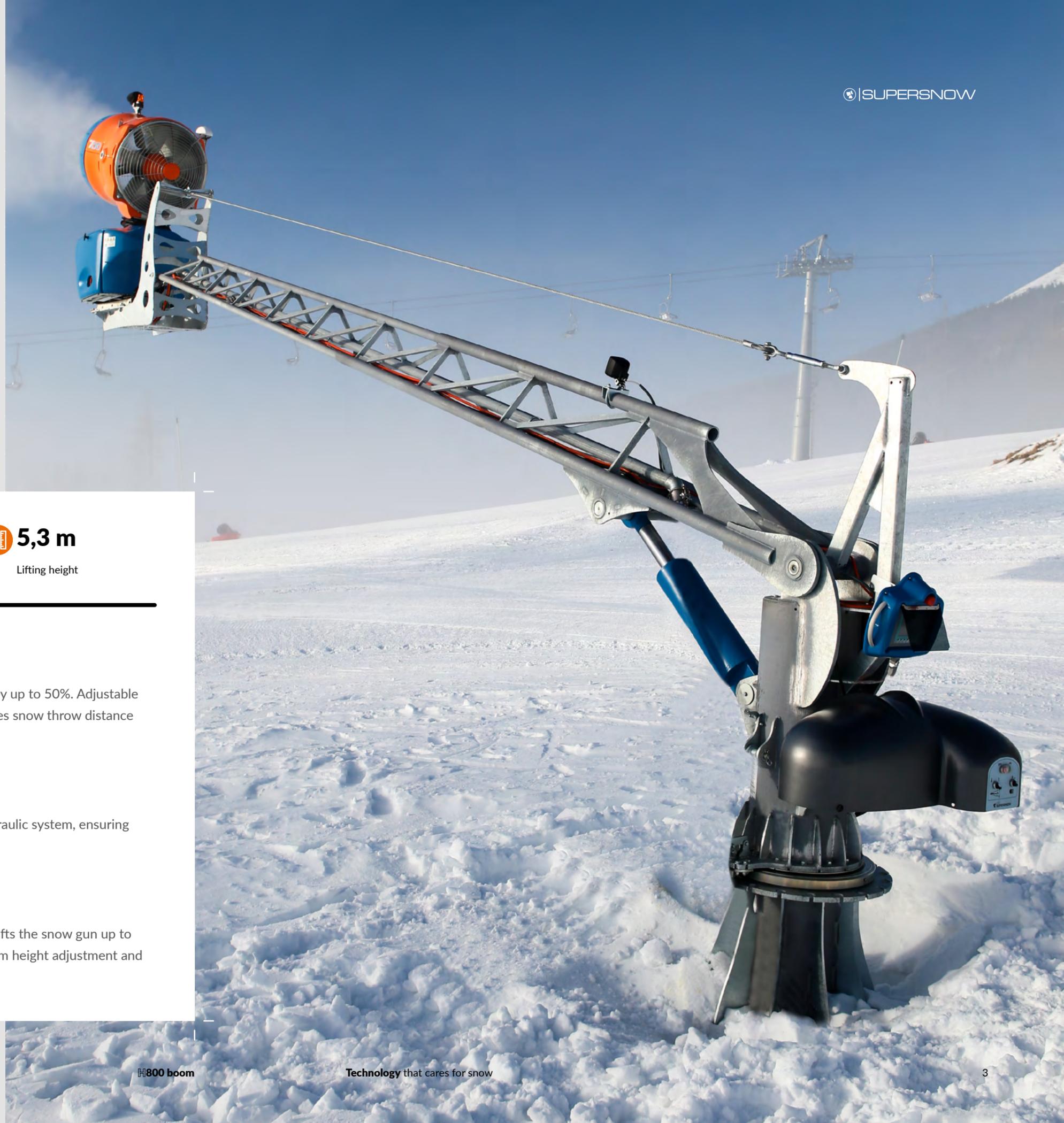


**T400 / T600**

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# H800

The H800 boom is an advanced structure that, thanks to the arm rotation and adjustable platform height, can cover a slope width of up to 150 m.



 **9 m**  
Arm length

 **360°**  
Horizontal rotation

 **5,3 m**  
Lifting height

## Increased efficiency

The H800 boom increases snowmaking efficiency in marginal temperatures by up to 50%. Adjustable platform height (from 0.6 m to 5.3 m, measured from base to platform) enables snow throw distance more than twice that of a ground-level machine.

## Reliability and simple operation

The arm rotation is controlled with a lever, and the platform is lifted by a hydraulic system, ensuring trouble-free operation of the boom.

## Thoughtful design

The H800 model is made of a lightweight galvanized 9-meter structure that lifts the snow gun up to 6.5 m high (from boom base to gun nozzle). The boom allows for both platform height adjustment and arm rotation, giving the mounted machine a lateral range of 18 m.

# ST170

The ST170 post is a cost-effective option that effectively increases the throw distance of the snow gun.

 **1,7 m**  
Post height

 **100 kg**  
Post weight

## Task-oriented

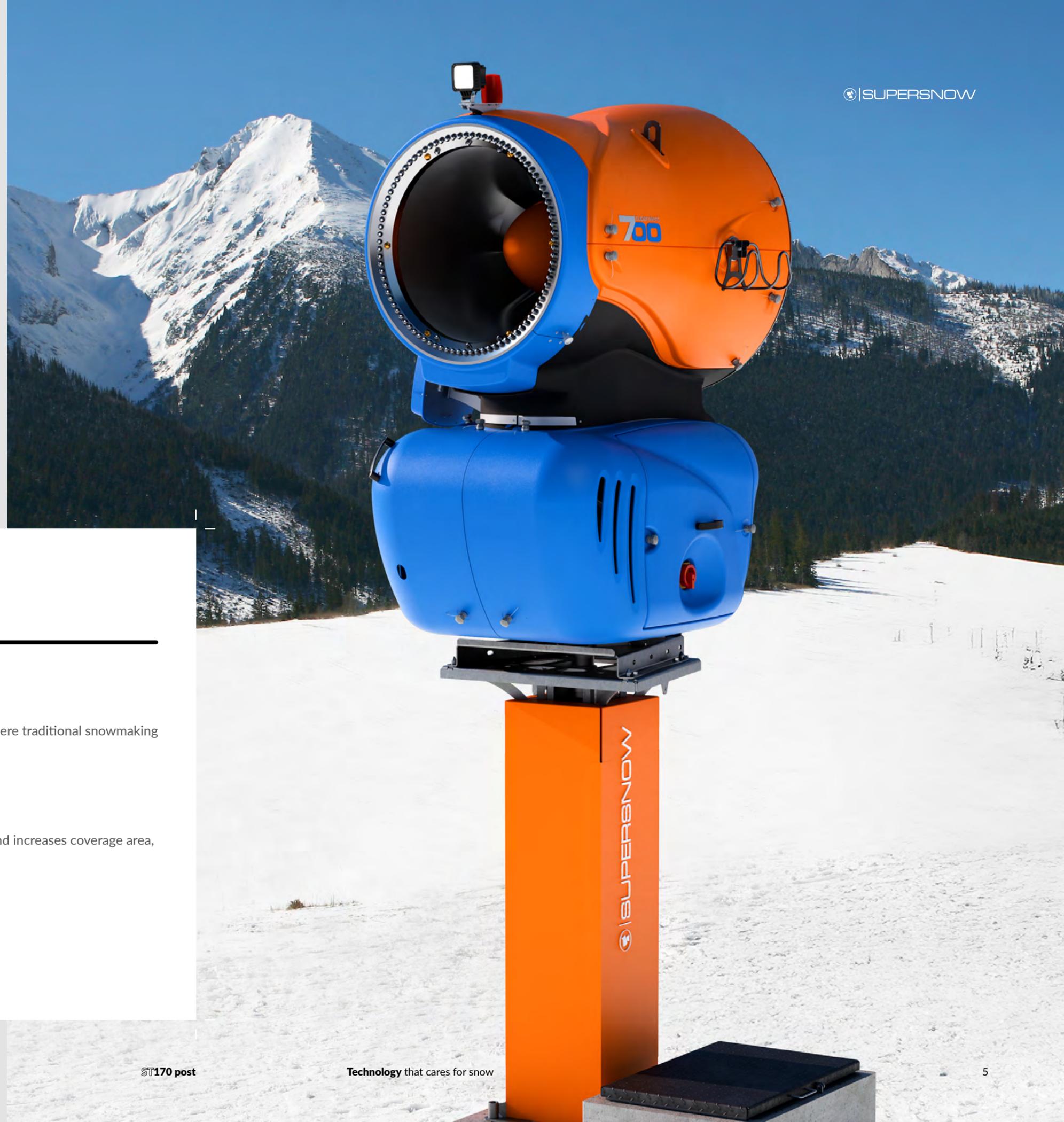
This model is ideal for locations with steep slopes and high embankments where traditional snowmaking is difficult. The ST170 allows the snow gun to operate effectively uphill.

## Improved efficiency

Placing the snow gun on the ST170 tower improves machine performance and increases coverage area, reducing the time needed for even snow distribution.

## Top quality

Greater operating height improves snow quality.



# T400

 **3,2 m**

Lifting height

 **480 kg**

Structure weight

 **4,3 m**

Boom height

# T600

 **5,2 m**

Lifting height

 **580 kg**

Structure weight

 **6,3 m**

Boom height

## Easy maintenance

Simple but well-designed structure allows easy and fast platform lowering, simplifying servicing of equipment mounted on the boom.

## Effective snowmaking even in tough conditions

Precise height adjustment allows adaptation to different weather and terrain conditions, increasing snowmaking quality and efficiency. T-series models can increase performance by up to 50% in marginal temperatures.

## Extended reach

Adjustable platform height of T400 and T600 booms (from 0.5 m to 3.2 m or 5.2 m) extends the snow gun range, enabling uniform coverage of larger areas.

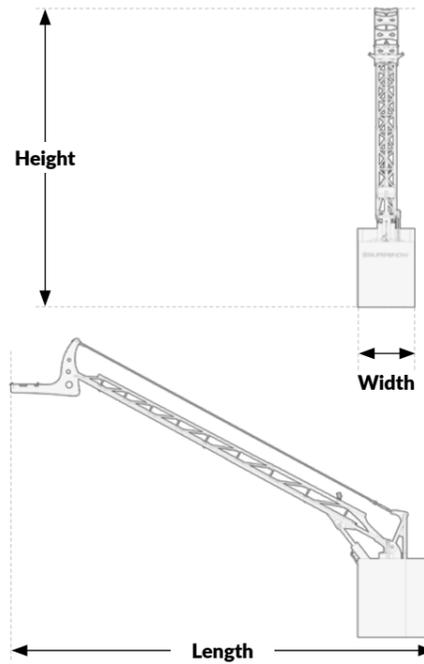
Booms in the T series with height-adjustable platforms provide vital support for snow guns, especially in open areas exposed to strong winds.



# H800

## Dimensions

Width	949 mm
Height	6662 mm
Length	9806 mm



## Technical data

Total boom length	<b>10,5 m</b>
Arm length	<b>8,2 m</b>
Maximum load capacity	<b>1000 kg</b>
Rated lift motor power	<b>2,2 kW</b>
Horizontal rotation	<b>360°</b>
Power supply specifications	<b>400 V/50 Hz</b>
Actuator type	<b>hydraulic</b>
Boom weight	<b>1850 kg</b>
Lifting height	<b>5,3 m</b>

## Standard equipment

- H800 boom base with complete hydraulic system (power supply ~3 P, 400 V, 2.2 kW) with snow gun control panel bracket
- Truss arm with lamp
- H800 boom platform
- Snow gun water hose to H800
- H800 boom water hose
- Boom snow gun mounting kit
- Foundation elements required:
  - M30x1000 hook anchor, 10 pcs
  - Anchor installation template, 2 pcs
  - Standard set of fasteners

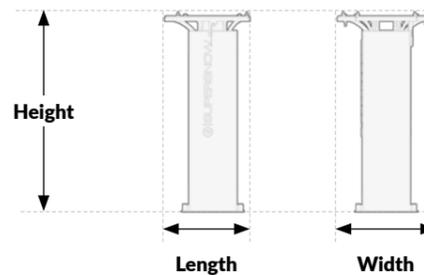
### Optional equipment

- Protective mattress
- Boom cable guard
- Mounting fasteners kit

# ST170

## Dimensions

Width	848 mm
Height	1700 mm
Length	740 mm



## Technical data

Weight	<b>100 kg</b>
Height	<b>1,7 m</b>

## Standard equipment

- SNOWFLEX hose with camlock ends, 2", 20 m
- ST170 post water hose
- Snow gun mounting kit for tower
- Mounting fasteners kit

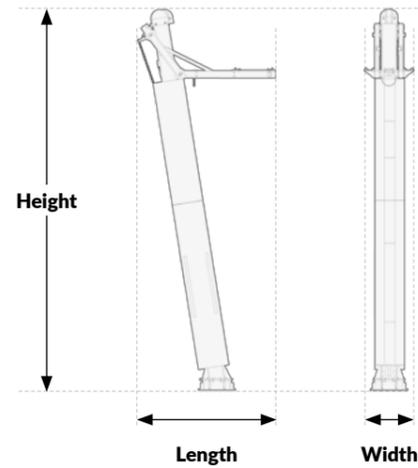
### Optional equipment

- Protective mattress
- Air hose
- Mounting fasteners kit
- Service platform

# T400

## Dimensions

Width	799,5 mm
Height	4206 mm
Length	2242 mm



## Technical data

Weight	<b>480 kg</b>
Height	<b>4,3 m</b>
lifting height	<b>3,2 m</b>

## Standard equipment

Steel tower structure for Compact/Universal Well with snow gun control panel bracket

Steel structure – platform for snow gun

T400 water hose

Snow gun mounting kit for T400 boom

Crank or electric winch for raising and lowering boom - depending on the version

Mounting adapter

### Optional equipment

Protective mattress

Boom cable guard

Air hose

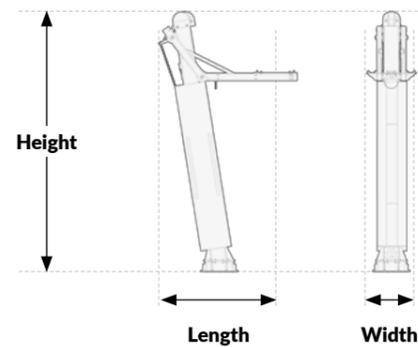
Electric winch extension

Mounting fasteners kit

# T600

## Dimensions

Width	799,5 mm
Height	6178 mm
Length	2242 mm



## Technical data

Weight	<b>580 kg</b>
Height	<b>6,3 m</b>
lifting height	<b>5,2 m</b>

## Standard equipment

Steel tower structure for Universal Well with snow gun control panel bracket

Steel structure – platform for snow gun

T600 water hose

Snow gun mounting kit for T600 boom

Mounting pad for T600 boom adapter

Crank or electric winch for raising and lowering boom - depending on the version

Mounting adapter

### Optional equipment

Protective mattress

Boom cable guard

Air hose

Electric winch extension

Mounting fasteners kit

Mounting pad for adapter

## 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

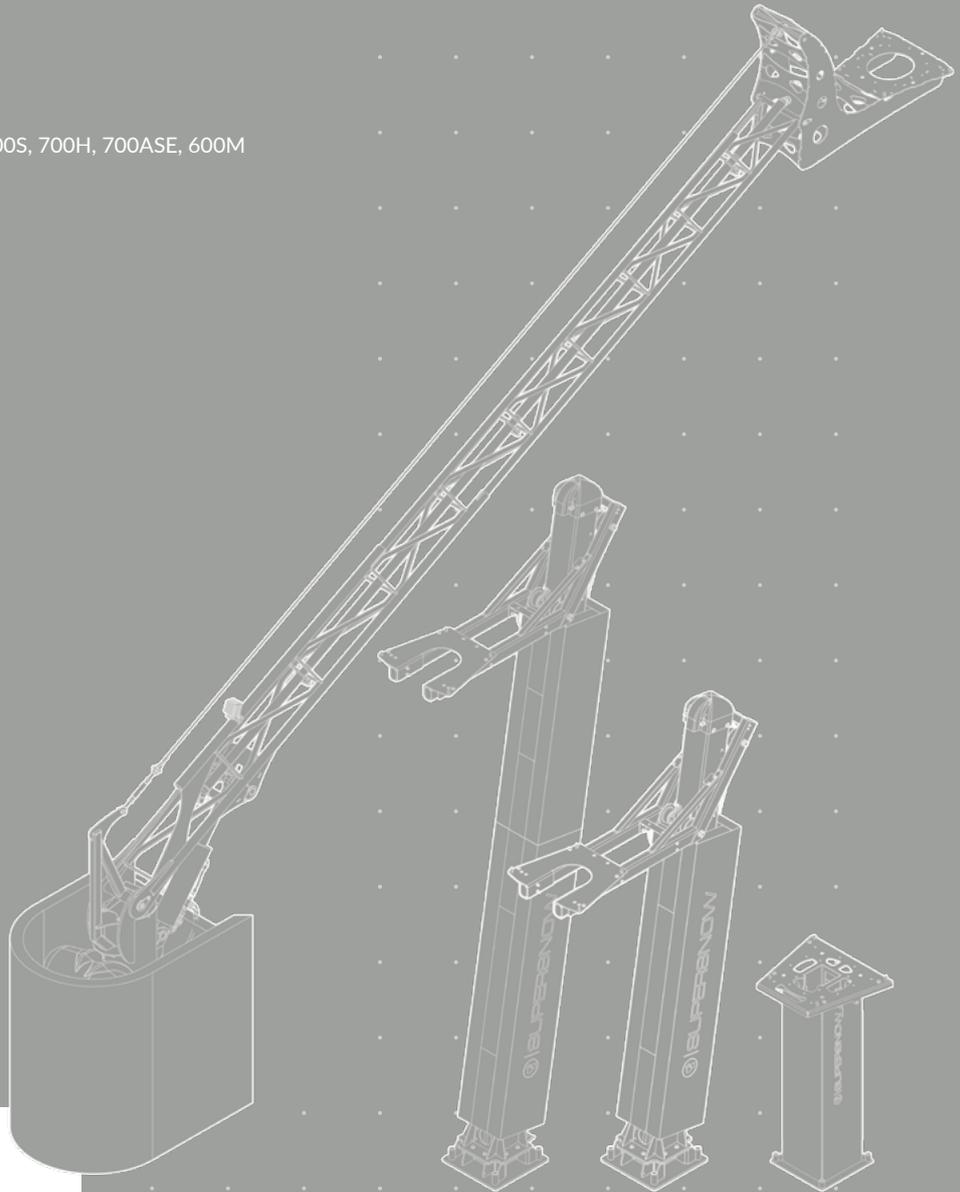
Quick on-site service

SNOWMATIC

Mobile app

Snowmaking systems design

Slope profiles design



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**Technology** that cares for snow

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