

AWS

All
Weather
Snow



AWS 100 MOBILE

AWS 150 D

AWS CUSTOM

The new generation of AWS – essential for the ski resorts of tomorrow.

AWS is a new line of snowmaking machines capable of operating in above-freezing temperatures. Designed to combine high efficiency, straightforward operation, safety, and energy efficiency.

AWS 100 MOBILE

All Weather Snow

Our range includes three types of machines, available in various configurations. We tailor each solution to the specific needs of the resort.

Below you'll find details of our core mobile unit – a high-efficiency, single-container snowmaking machine.

SPECIFICATIONS – AWS 100 MOBILE	
Snow production	100 to 120 m³/d - 50 t/d
Snow transport	up to 120 meters
Snow temperature	-5 to -7
Water consumption	0,65 l/s
Operating conditions	
Water temperature	1-25 °C
Air temperature	0-25 °C
Dimensions	
Container unit	1x 40' HC
Lenght A	12,2 m
Width B	2,5 m
Height H	2,9 m
Machine weight	17.500 kg
Power supply	
Nominal voltage / frequency	400 V / 50 Hz
Nominal current	350 A
Nominal power	158 kW *
Other	
Water connection	32 DN
Water pressure [min / max]	2 / 10 bar
Refrigerant type	R 449A



AWS 110 MOBILE, Single-container solution delivering over 100 m³ performance

A compact and powerful unit that produces a high volume of premium-quality snow from a single source. Ideal for slope snow replenishment, event coverage, or preparing cross-country ski trails.

The entire system is enclosed within a single container, which, combined with an optional chassis, allows for relatively easy relocation between sites (transport must follow proper procedures).

EcoThermoLoop ready – the unit can be fitted with an external heat exchanger for energy recovery (optional feature).



AWS 150 D

Double container system with a capacity of 150 m³

A cost-effective solution for resorts looking to install a permanent snowmaking system – whether a single unit or a multi-unit setup.

The system uses R449, a safe refrigerant that does not require special handling or safety procedures.

AWS 150 D can be equipped with the optional EcoThermoLoop heat exchanger system, significantly improving the cost-efficiency of snow production.

AWS 150 D

All Weather Snow

SPECIFICATIONS – AWS 150 D

Snow production	from 150 m³/d - 70 t/d
Snow transport	up to 120 meters
Snow temperature	-5 to -7
Water consumption	0,87 l/s
Operating conditions	
Water temperature	1-25 °C
Air temperature	0-25 °C
Dimensions	
Container unit	2x 40' HC
Lenght A	12,2 m
Width B	2,5 m
Height H	2,9 m
Machine weight	22.500 kg
Power supply	
Nominal voltage / frequency	400 V / 50 Hz
Nominal current	400 A
Nominal power	252 kW
Other	
Water connection	32 DN
Water pressure [min / max]	2 / 10 bar
Refrigerant type	R 449A

AWS CUSTOM

All Weather Snow

AWS CUSTOM – Snow tailored to your resort

AWS CUSTOM is a fully bespoke solution – each system is designed to meet the specific needs of an individual ski resort.

Based on proven AWS technology, we develop snowmaking systems that precisely match the required quantity, type, and delivery method of snow.

Performance

We design systems with a snow output ranging from 100 to 1,500 m³ per day, depending on your needs and local operating conditions.

Cooling systems

We use high-quality Bitzer SE compressors – primarily the HSN series – proven in continuous operation. Our systems are carefully engineered with robust, properly sized components to ensure durability and long-term efficiency.

Snow transport

We tailor the transport system to the type and quality of snow required – from screw conveyors to direct discharge systems, depending on snow consistency and transport distance.

EcoThermoLoop – smart heat recovery built in

AWS CUSTOM systems can be equipped with heat exchangers that recover thermal energy for use in restaurants, hotels, or technical facilities. This solution offers multiple benefits:

- Improves the cost-efficiency of snow production
- Reduces overall energy consumption
- May qualify for subsidies in selected countries
- The ETL system is always designed in close cooperation with the client – based on an analysis of heat recovery points and distribution methods.



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

📘 facebook.com/careforsnow

Technology that cares for snow

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