FOCUSUN™
弗格森冰雪

ICE & SNOW TURNKEY SOLUTIONS

Design, Engineering & Construction



FOCUSUN™
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STEP INTO A WORLD OF ICE & SNOW
WHERE EVERY MOMENT FEELS WARM.



Are You Facing These Challenges in Ice & Snow Project Development?

Ice & snow projects begin with clear ambitions, but turning vision into reality remains a challenge.



1 Unstable Snow Quality & Output

Inconsistent snow quality and production volume affect overall project performance.

2 High Energy Consumption

Rising energy demand significantly increases operational costs in ice & snow projects.

3 Complex System Integration

Multiple equipment systems and suppliers make project coordination difficult and time-consuming.

4 Uncertain Investment Returns

High initial investment and variable operating conditions create uncertainty in long-term ROI.

FOCUSUN’S BREAKTHROUGH STRATEGY

Rebuilding Commercial Certainty in Ice & Snow Projects

Enabling Year-Round Operations

Focusun’s high-temperature snowmaking system enables stable snow production up to +35°C, breaking climate limits and supporting year-round profitable operations.





Snow Quality Breakthrough
Extreme Powder Experience

Focusun uses a fully physical snowmaking process to create dry, fluffy powder snow. It enhances sensory experience, improves retention, and drives repeat revenue.





Industrial-Grade Stability
Built for Continuous Operation

Focusun applies industrial design standards to ensure stable and reliable operation of ice & snow systems. Every detail is engineered for durability, efficiency, and long-term commercial performance.







Spatial Optimization
Commercial Flow Design

Focusun delivers integrated spatial planning with optimized visitor flow and attraction design. Every space is designed to maximize efficiency, enhance engagement, and support sustainable revenue generation.





1

HIGH-TEMPERATURE SNOW MACHINE



Beyond Weather Limits

Rewriting the Rules of Ice & Snow Production

Focusun’s high-temperature snowmaking system ensures stable investment returns by transforming snow production from climate dependence into industrial precision control.

Operating reliably at up to +35°C, it produces dry, fine powder snow while reducing downtime and visitor loss, enabling true year-round operations.







Containerized Snowmaking System

- Containerized design requires no building construction. Ready to operate with only water and power connection.
- Ensures continuous snow production even at 35°C, supporting peak-season operation.
- Optimized system design reduces energy use by 20%–30%, lowering operating costs.





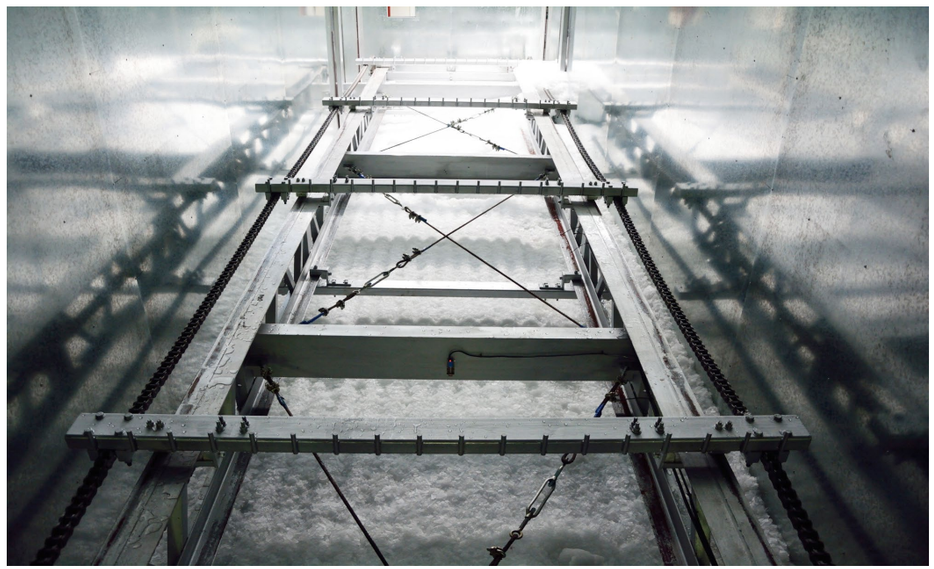






Automatic Rake Ice Storage

The containerized raking ice storage system provides a stable ice supply for year-round snowmaking, even in high temperatures. Intelligent control enables on-demand release, improving efficiency and reducing costs.



Automatic Snow Crusher

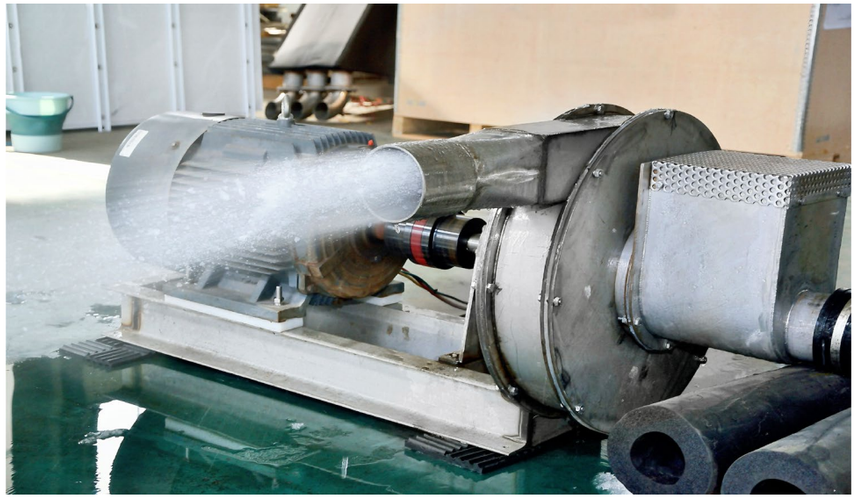
- The automatic powder snow machine converts ice into fine, soft powder snow, delivering a natural texture and enhanced visitor experience.
- High-capacity processing ensures fast snow replenishment even during peak demand, improving operational efficiency and flow conversion.





Automatic Snow Blower

- The automatic snow blower delivers uniform, full-area snow coverage through an intelligent spraying system, enabling automated operation with minimal manpower.
- Integrated PLC control ensures system stability, reduces compatibility issues, and cuts maintenance costs by over 40%.





2

DEDICATED SNOWMAKING SERIES



Snow Cannon

Fast Snow Coverage, Stronger Visitor Attraction

Focusun snow guns deliver powerful projection and fine atomization, enabling rapid coverage of large areas. Snow quality and moisture levels can be adjusted on demand to create natural powder-like conditions, keeping slopes in optimal condition for visitors.

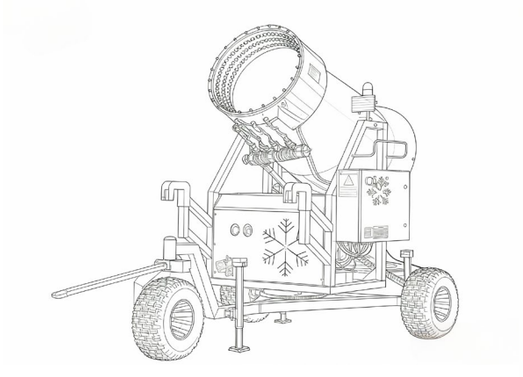
Smart Efficiency for Maximum Operational Profitability

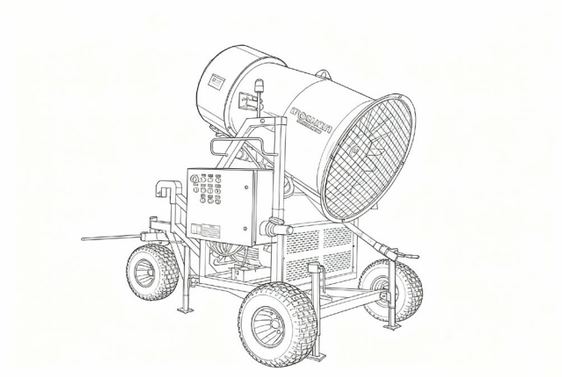
An intelligent control system automatically adjusts operation based on real-time temperature and humidity, reducing manpower and energy consumption. Durable anti-freezing design ensures stable performance in extreme cold conditions, lowering maintenance costs.



Technical Parameters

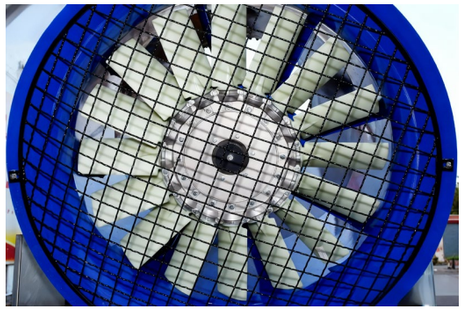
Rotation angle:	360°	**Rotation Method:**	Automatic
Fan Motor:	15kW	**Spray Angle**	50°
Compressor Motor:	7.5kW	**Total Power:**	26kW
Humidity:	≦60%	**Water Temperature:**	1°–5°C
Snow Output:	70m³/h	**Throw Range:**	30–80m
Power Supply:	380V	**Frequency:**	50Hz
Nozzle Material:	SS304	**Nozzles:**	4 rows / 204 pcs

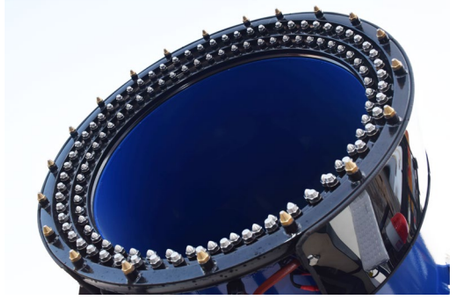












Indoor Mobile Snow Machine

Flexible Snow Creation, Anywhere Experience

Focusun indoor mobile snow machines are designed for commercial spaces, making “snow anywhere” a reality.

With no complex piping or heavy infrastructure required, the system can be quickly deployed to create immersive powder snow environments in limited spaces, enabling low-barrier and efficient operation for interactive snow experiences.

Advantages:

1 Flexible Multi-Point Deployment

2 Plug-and-Play Operation

3 Ultra-Quiet Performance

4 Compact Footprint Design

5 One-Touch Operation

6 Natural Dry Snow Experience





Landscape Snow Falling Machine

Snowfall Within Reach



Want to create romantic snowfall scenes in snow parks, malls, or event spaces—but worry about unstable performance and high complexity?

Focusun landscape snowfall machines deliver continuous, natural-looking snowfall through airflow and temperature control, unaffected by environmental conditions.

With simple installation and low energy use, they transform any space into an immersive winter scene and enhance brand atmosphere.

Technical Features

1. Stable snowfall system ensures continuous, uniform snow in all conditions.
2. Natural snow simulation uses multi-stage atomization for realistic texture.
3. Flexible capacity options fit different spatial requirements.
4. Low-energy, quiet operation reduces long-term costs.
5. One-touch control enables easy operation and maintenance.
6. Adjustable coverage allows precise snow distribution and range.







Focusun provides on-site surveying and customized design to match your venue.

Items	FAS-650G	FAS-1300G	FAS-5500G	F26	F56
Power Supply	220V/1P/50-60Hz	380V/3P/50-60Hz	380V/3P/50-60Hz	220V-440V/3P/50-60Hz	
Refrigerant	R22/R404A	R22/R404A	R404A	R404A	R404A/R507A
Snow Capacity	300kg/day	600kg/day	2000kg/day	4000kg/day	6000kg/day
Size of Snowflake	Std. 3-Level	Std. 3-Level	VF 6-Level	VF 6-Level	VF 6-Level
Cooling Method	Air Cooling	Air Cooling	Air Cooling	Air Cooling / Water Cooling	Air Cooling / Water Cooling
Snowfall System Size	521×521×333 mm	600×600×425 mm	1600×800×925 mm	2050×1040×810 mm	2050×1420×950 mm
Cooling System Size	542×583×413 mm	680×820×630 mm	1550×900×1930 mm	1750×1000×2080 mm	2300×1210×2180 mm
Snow System Weight	48kg	68kg	310kg	690kg	900kg
Cooling System Weight	78kg	88kg	540kg	890kg	350kg
Control Cabinet Weight	18kg	18kg	110kg	102kg	110kg

Fully customized solutions adapt to your space and project needs.

Designed for Diverse Commercial Spaces



Snow Parks



Shopping Malls



Themed Events

3

END-TO-END ICE & SNOW PROJECT SOLUTIONS



Turnkey Ice & Snow Solutions

With extensive experience in the ice and snow industry, Focusun provides turnkey solutions from design to project delivery.

Covering ski resorts, snow parks, ice rinks, curling, and hockey venues, we ensure efficient delivery, quality control, and cost optimization for stable, long-term profitability.

Outdoor Ski Resort

Snow System:
High-temp system + snow guns

Snow Area:
Flexible large-area coverage

Temperature Control:
Stable snow quality control

Operational Efficiency:
Automation reduces cost and improves efficiency



Snow Park

Dual Snow System:
High-temp system + snowfall machine

Full Coverage: Indoor & outdoor flexible use

Interactive Experience: Snow play integration

Theme Customization: Unique IP & branding



Ice Rink

High-Efficiency Cooling: Fast ice, smooth surface

Energy Saving: Lower cost, higher returns

Smart Control: Stable ice for multiple sports

Modular Maintenance: Easy, reliable operation



Indoor Ski Resort Solution

Snow Area: 50,000 m²

Snow System: High-temp snow machine /
indoor mobile snow machine

Activities: Ski lanes (snowboard & ski), snow cable car, ice slides

Facility: High-efficiency cooling + HVAC insulation system

Year-Round Skiing, No Climate Limits

Focusun builds indoor ski resorts for stable visitor flow, high-quality snow, and controllable costs, enabling profitable year-round operation in any climate.

Turnkey Construction Service

High-temperature snowmaking delivers dry powder snow with smooth skiing performance, supported by smart temperature control to maintain optimal slope conditions and enhance repeat visitation.





Outdoor Ski Resort Solution

Snow Area: 80,000–150,000 m²

Slope Layout: 3–6 ski runs
(beginner / intermediate / advanced)

Snow System: Snow machine array + snow guns

Activities: Skiing, snowboarding, snow play, tubing

Year-Round Snow Operations

Focusun breaks the seasonal limit of outdoor ski resorts, enabling cross-season operation and stable revenue through high-temperature snow-making and system control, turning ski resorts into year-round destinations.

Scientific Planning & Efficient Delivery

Focusun provides full commercial layout design covering slopes, visitor flow, lifts, and facilities, with a mature turnkey system ensuring safe operation, smooth circulation, and higher visitor capacity.





Snow Park Solution

Coverage
3,000–10,000 m² Customizable Snow Space

Venue Types
Shopping Malls / Indoor Theme Parks / Cultural Tourism Complexes

Snow System
Focusun Snowfall Machine + Indoor Mobile Snow Machine

Core Attractions
Snow Play Zone / Snow Tubing / Family Interaction Area

Creating Long-Term Value

With commercially driven planning, Focusun optimizes snow zone layout, visitor flow, and supporting facilities to maximize traffic conversion and revenue potential.

Stable Snow, Continuous Attraction

Integrated snowfall, snowmaking, and HVAC systems deliver dry, consistent powder snow for immersive experiences that enhance visitor satisfaction and repeat visits.





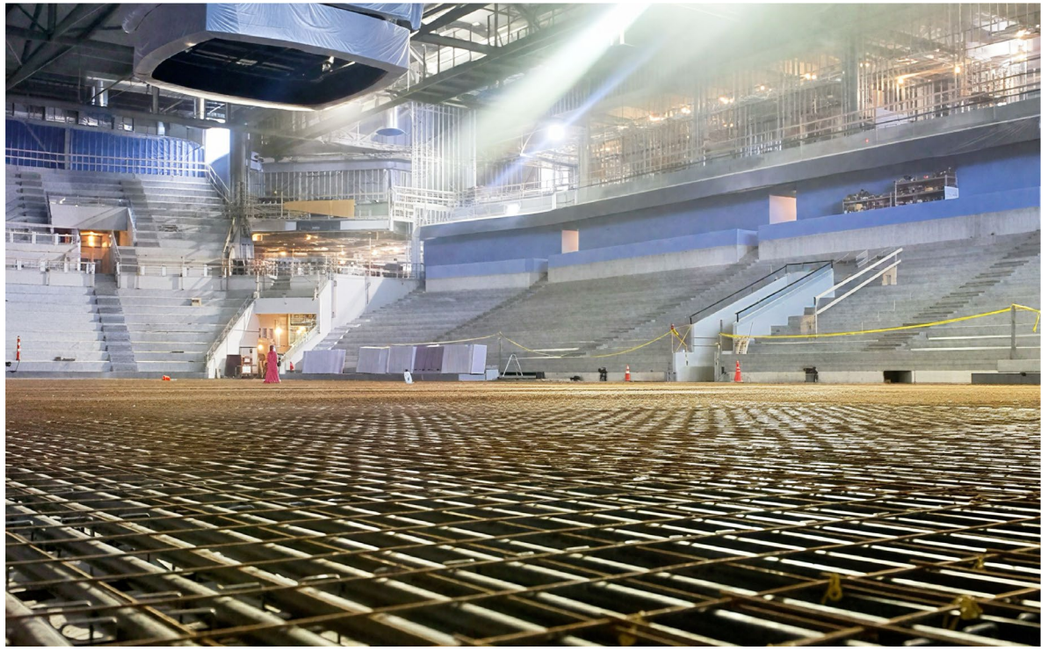
Ice Rink Solution

Suitable Venues: Shopping malls, resorts, seasonal events

Ice Area: 200–1,800 m² customizable

Ice System: High-efficiency ice-making + smart temperature control

Facilities: Barrier system, skate rental, rest area



Focusun provides turnkey service from site evaluation to installation, optimizing rink size, visitor flow, and safety systems to maximize space efficiency.





High-efficiency cooling and smart temperature control ensure stable ice quality, with fast installation and dismantling for multi-scenario, multi-season operation.

Ice Hockey Arena Solution

Dynamic Ice Experience, Greater Value

Ice hockey arenas create professional ice sports experiences while driving steady visitor traffic and commercial returns. Focusun's modular design enables fast construction, durable ice surfaces, and efficient operation for long-term venue value.

Stable Ice, Flexible Operation

High-efficiency cooling and smart temperature control ensure stable ice quality, with fast installation and dismantling for multi-scenario, multi-season operation.



Curling Arena Solution

Premium Ice Experience

Focusun curling arenas use precision ice-making technology to deliver international-standard ice surfaces, creating a refined environment for professional curling experiences and attracting high-end audiences.

Flexible Venue Utilization

With adaptable layout design, the arena can be quickly transformed into a skating rink or ice performance space outside competitions, enabling multi-purpose use, higher efficiency, and stable long-term revenue.



4

PROJECT CASES & COMPANY PROFILE



GLOBAL ICE & SNOW PROJECT PORTFOLIO

Focusun delivers ice and snow projects worldwide across diverse climates and commercial environments, from indoor entertainment venues to large-scale snow destinations.



100+
Countries & Regions

200+
Patent Certifications

300+
Successful Projects

INDOOR SNOW PARK







Ski Dubai

For Ski Dubai, Focusun delivered complete design planning and engineered the indoor snow system. We also supplied advanced snowmaking equipment to ensure stable, year-round snow conditions.

Snow Carnival, USA







Snow World, Indonesia







Torium Snow Park







Kuwait Snow Park







Guangzhou Snow Park





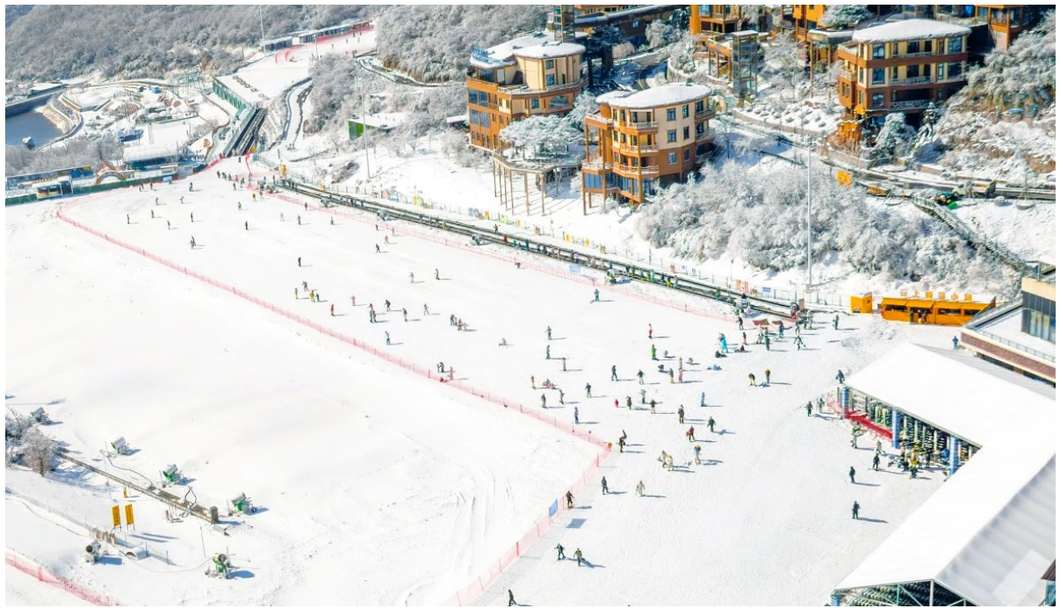
Indoor Ski Resort





OUTDOOR SNOW PARK CASES















OUTDOOR SNOW PARK CASES

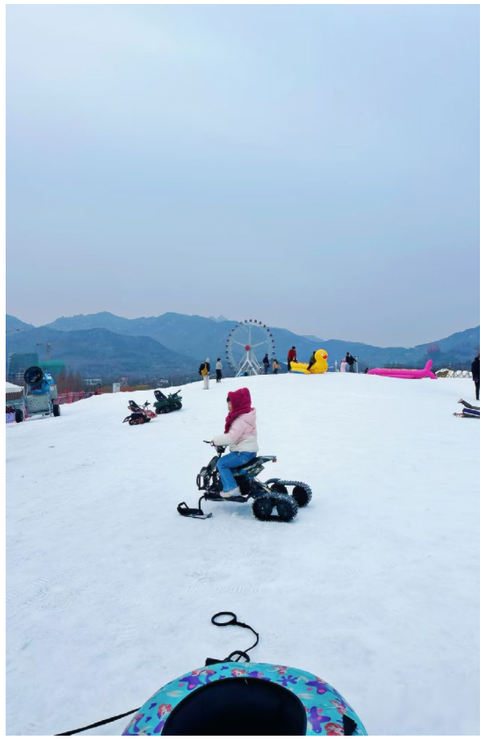












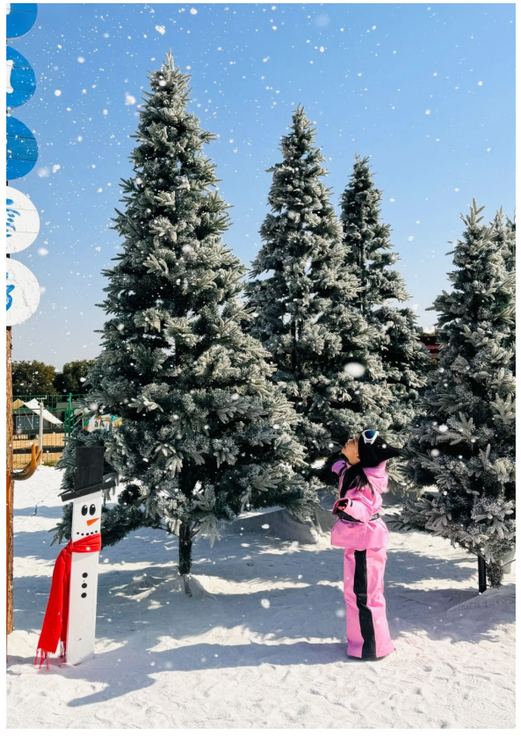




OUTDOOR SNOW PARK CASES















About Focusun

Focusun is a leading provider of high-temperature snowmaking technology and integrated snow solutions for indoor and outdoor snow projects worldwide.

We specialize in the design, manufacturing, and delivery of advanced snowmaking systems, including artificial snow machines, flake ice systems, snow park equipment, and customized ice venue solutions.

With strong engineering capability and extensive international project experience, Focusun delivers reliable technical support for complex snow environments.

We provide full turnkey services from concept planning and system design to equipment supply and installation, helping clients build profitable year-round snow attractions worldwide.



FOCUSUN™
弗格森冰雪

Tel: +86 21 5108 9946 / +86 189 5265 2345

Address: 10F, T1 Tower, Baolong Town, No. 3299 Caobao Rd, Minhang District, Shanghai.