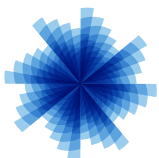


All Weather Snowmaker

Secure an Early Start of Your Ski Season

When Snow Guns Can't Deliver



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www.ide-tech.com



IDE's all weather snowmaker

There is one item that no ski or snowboarding resort can survive without: SNOW

Existing snow-production solutions require below freezing air temperatures and depend on climatic conditions such as humidity and wind.

The All Weather Snowmaker is capable of producing up to 1720 m³ (60,741 ft³) per day of high quality environmentally friendly snow at all ambient temperatures.

The All Weather Snowmaker is based on IDE's proven Vacuum Ice Maker (VIM) Technology, which has been operating for more than 30 years worldwide.

Benefits

- ✓ Snow production at all ambient temperatures
- ✓ Up to 1720 m³ (60,741 ft³) of snow, per unit, per day
- ✓ High quality snow
- ✓ Environmentally friendly
- ✓ Energy efficient, low operation costs



Testimonials by ski industry professionals



Hans Pum
Chief Coach Austrian Ski Team

"The snow quality and the opportunities for us are excellent"



Vidar Løfshus
Chief Coach, Norwegian National Cross Country Team

"I am calm when it comes to the future of snow production with or without sub zero temperatures. I can see great potential together with IDE Technologies"



Dr. Hans Rubatscher
Manager of the Pitztal Glacier Resort

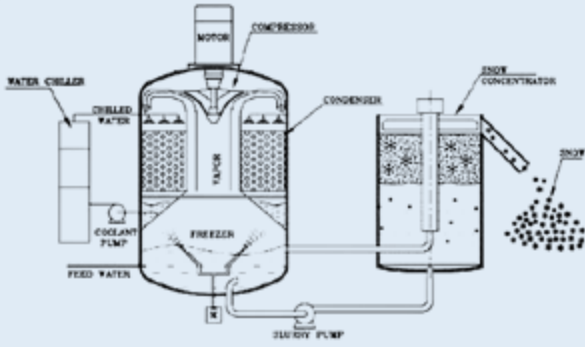
"For the first time snow can be produced regardless of temperature, humidity & wind"



Jim Tracy
Head Coach USA Women Alpine Ski team

"I'm impressed with the produced snow quality. You wouldn't be able to tell the difference between real snow and IDE snow"

The Snowmaking Process



Inside the VIM freezer, water is exposed to deep vacuum. The vacuum forces a small part of the water to evaporate, while the remaining water freezes and forms a water-snow mixture.

The mixture is pumped out from the freezer to a snow concentrator that separates the water from the snow crystals and extracts high grade snow.

In order to maintain the deep vacuum in the freezer, the water vapor is continuously evacuated from the freezer, compressed and fed into a condenser by IDE's unique centrifugal compressor.

Condensing of the vapor requires cooling water at 5° C (41°F), which is supplied from a standard water chiller.

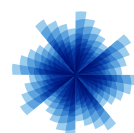
IDE All Weather Snowmaker
Slope at Pitztal, Austria
Temp. above 10°C (50°F)



| Specifications | VIM 400 (Snow) | VIM 850 (Snow) |
|---|--|--|
| Cooling Capacity | 1,750 kW | 3,500 kW |
| Snow Making Mass Capacity | 480 ton snow/day | 1,120 ton snow/day |
| Max. Snow Making Volumetric Capacity ⁽¹⁾ (at 4.5°C/40°F feed water temp.) | 860 m ³ Snow/day 30,370 ft ³ Snow/day | 1,720 m ³ Snow/day 60,741 ft ³ Snow/day |
| Electrical Supply | 400V / 50Hz / 3 Phase or 480V / 60Hz / 3 Phase | |
| Typical Power Consumption | 235 kW | 397 kW |
| Specific Power per Mass | 10 kW/ton Snow | 8.5 kW/ton Snow |
| Specific Power per Volume ⁽²⁾ | 6.6 kW/m ³ 0.19 kW/ft ³ | 5.5 kW/m ³ 0.16 kW/ft ³ |
| Snow Quality | "Spring Snow" | |
| Snow Grain Size | 0.5-1.0 mm 0.02-0.04 inch | |

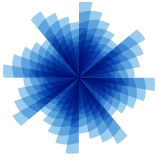
(1) Considering average snow density of 650 kg/m³(40.6 lb/ft³). After being drained - 550 kg/m³

(2) The power consumption refers to the VIM unit only and does not include the supporting cooling system (Chiller, Cooling Tower and Cooling Tower circulation pump)



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Desalinating Water
Since
1965
With Excellence



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IDE - Over 50 Years of Experience

A world leader in desalination and water treatment solutions, IDE is at the forefront of the development, engineering, construction and operation of enhanced desalination, industrial water treatment and water reuse facilities. IDE's headquarters are in Israel, with offices in the USA, China, India, Chile and Australia, facilitating client partnerships across the globe.

- Innovative water treatment technologies that provide our clients with end-to-end solutions
- Developed some of the most advanced membrane-based and thermal solutions
- Designed, built and operates some of the world's largest desalination plants
- Successful implementations in more than 400 plants in over 40 countries



**MIT Technology
Review 2015 -16**

50 Smartest Companies



**2016 Fortune
Change the World List**

2nd place

Secure Early Start of Your Ski Season

Follow the ski resorts of Pitztal (Austria) and Zermatt (Switzerland) and secure snow production whenever you need it.

For further information please contact: viminfo@ide-tech.com

Visit our web site: www.ide-tech.com/en/vim

