



THE ULTIMATE SNOW MAKING SOLUTION

4

YOUR INDOOR SKI RESORT & SNOWDOME

weknow



4 functions

After several years of R&D and several "Life-size" tests, WeSnow presents its **4 in 1 solution for your indoor ski resorts and your Snowdome.**

Faithful to its commitments WeSnow presents today one machine that integrates 4 functions for snow production:

1 "ICS" snow
at positive
temperature

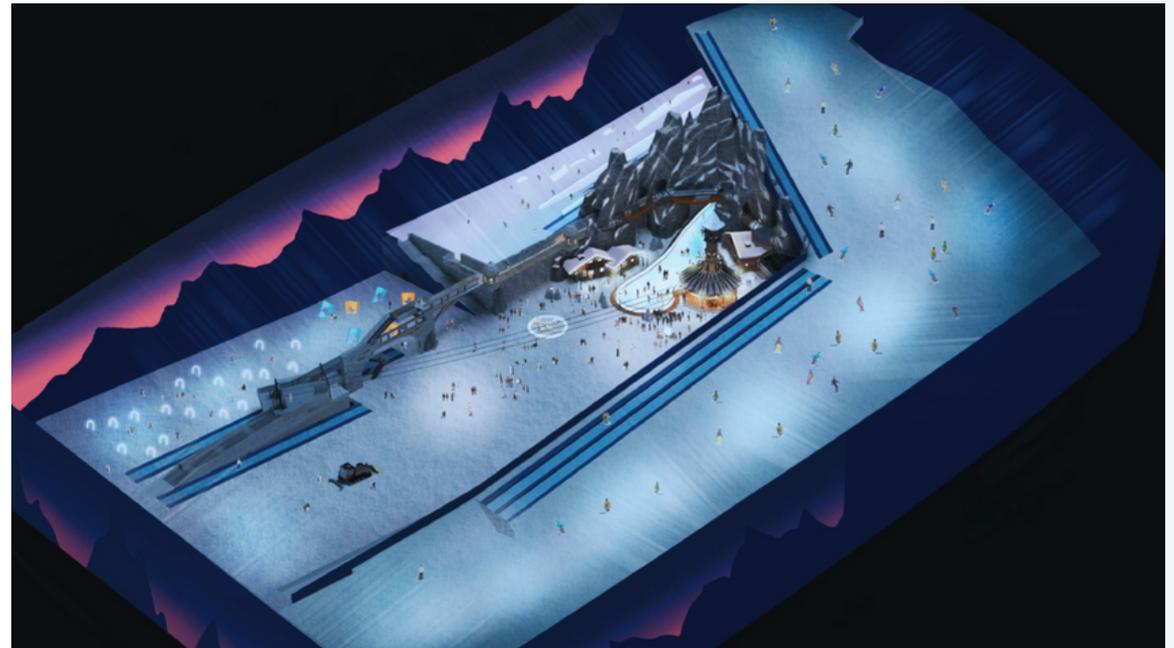
2 "Soft Powder Snow"
at negative
temperature

3 Cooling of water &
air for high
pressure system

4 Recovery of the
heat energy from
the machines

Due to its design, this machine has very interesting environmental specificities and moderate energy consumption in relation to its performance.

The system is coupled with an energy recovery system. It allows heating of offices, slope warming, "melting pits", lockers room... This technology provided so much heating that the snow is produced almost for free.



Compact 4 functions machine



Datasheet

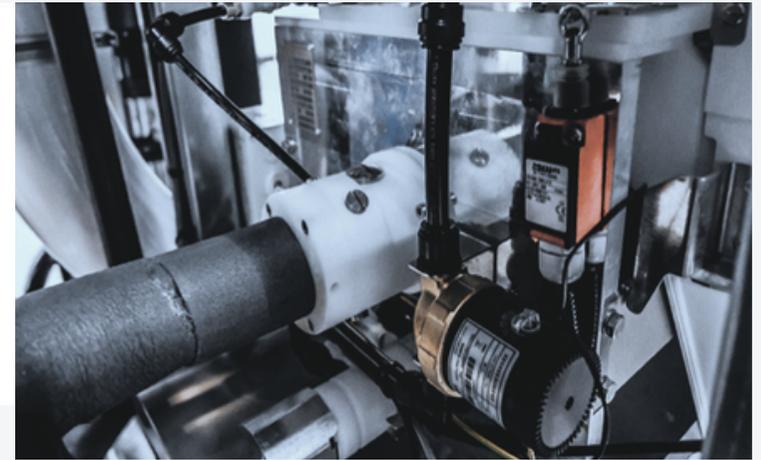
| WS20/100-CT-HY | | Ice Crushing Snow ICS | Soft Powder Snow SPS |
|------------------------------|--|--------------------------|-------------------------|
| | Min air temperature | -15°C | -15°C |
| | Max air temperature | +25°C | -3°C |
| Daily Snow production/24h | Density: 400 Kg/m3 | 20 m3 | 125 m3 |
| | Density: 500 Kg/m3 | 16 m3 | 100 m3 |
| | Density: 600 Kg/m3 | 14 m3 | 85 m3 |
| | Water supply diameter | DN32 (DN20 if ICS only) | |
| | Min water flow | 5,0 l/min | 35,0 l/min |
| | Max water flow | 7,0 l/min | 40,0 l/min |
| | Min water temperature | 5,0 °C | 5,0 °C |
| | Max water temperature | 15,0 °C | 25,0 °C |
| | Min water pressure inlet | 3,0 Bar | |
| | Max water pressure inlet | 6,0 Bar | |
| | Number of snow distribution | 1 | 4 |
| | ICS outlet diameter | 160 (PVC) | - |
| | SPS air inlet diameter (snowgun connexion) | - | 1/2" (flexible hose) |
| | SPS water inlet diameter (snowgun connexion) | - | 3/4" (flexible hose) |
| | SPS air outlet diameter (machine) | - | DN20 (manifold) |
| | SPS water outlet diameter (machine) | - | DN40 (manifold) |
| | Material distribution (manifold) | HDPE | Stainless Steel |
| | Total electric power | 30kW / 80A / 3ph+N+PE | |
| | Number of refrigeration circuit | 1 | |
| | Number of ICS generator | 2 | - |
| | Refrigerant | R404A or R449A | |
| | Weight | 2600 Kg | 3400 Kg |
| | Dimensions | 3400 x 2200 x 2400 mm | |



Latest technology

The new WS-20/100-CT-HY benefits from all the latest WeSnow technological advances in terms of electronic regulation but also:

- With power modulation refrigeration compressors and intermediate reinjection system
- Electronic oil level regulators
- New ICS snow generators
- A new conveying system
- A soundproof air compressor
- A new compressed air cooling system
- A new snow injector with optional motorization...

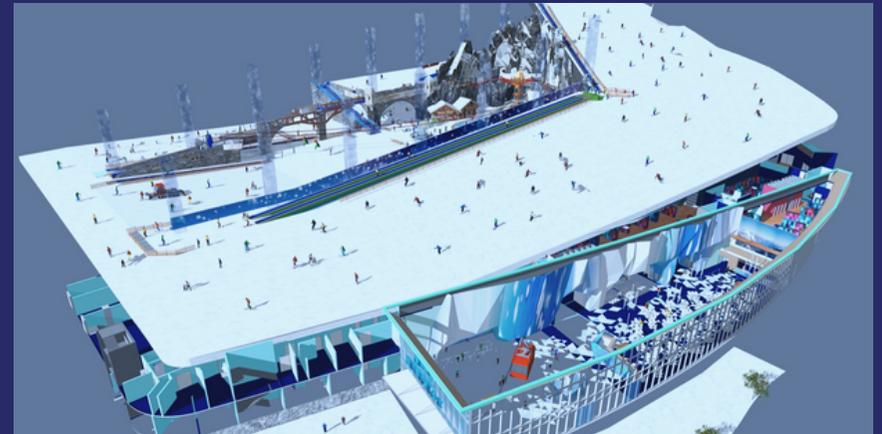


Best snow quality

During the operation of your Indoor Ski Resort or your Snowdome, the ICS snow falls like magic from the ceiling.

In a negative temperature, it is the SPS powder snow that takes over to snow the playful areas and the decor.

After the work of the grooming, the two types of mixed snow reproduce the qualities of natural snow and offer incomparable gliding sensations.



Smart-Vision

Equipped with its new "Smart-Vision" man/machine interface.

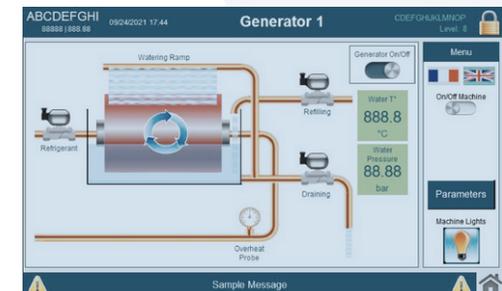
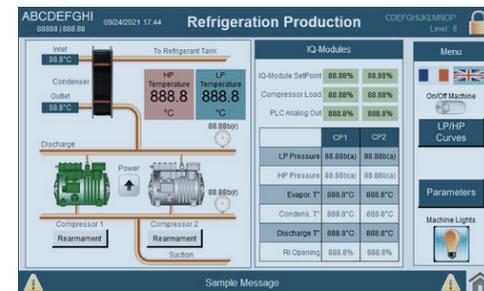
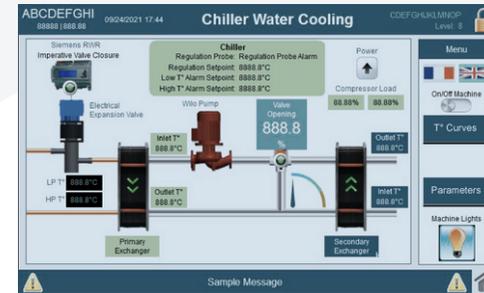
the WS-20/100-CT-HY works both in local mode and in network mode.

All functions can be set intuitively. You can easily choose your snow production method, your water temperature, your compressed air temperature, operating hours...

Smart-vision also helps you with after-sales service diagnostics and general maintenance.

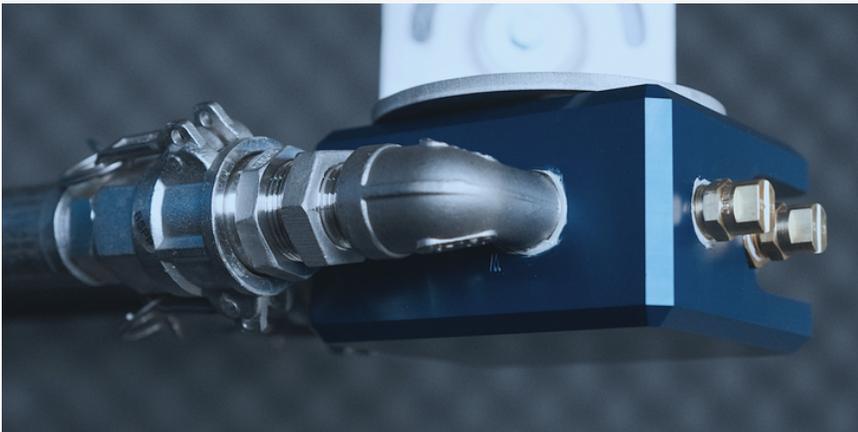
Connected via a network or a web server, you can act remotely on your settings.

Smart-vision also allows you to know your snow production, your water consumption, your energy consumption. It is an essential tool for optimizing and rationalizing your snow production.



wesnow

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WeSnow

483, rue du Marais
73190 Challes-les-Eaux
France
+33 (0)4 57 12 30 44
contact@wesnow.fr
www.wesnow.fr

