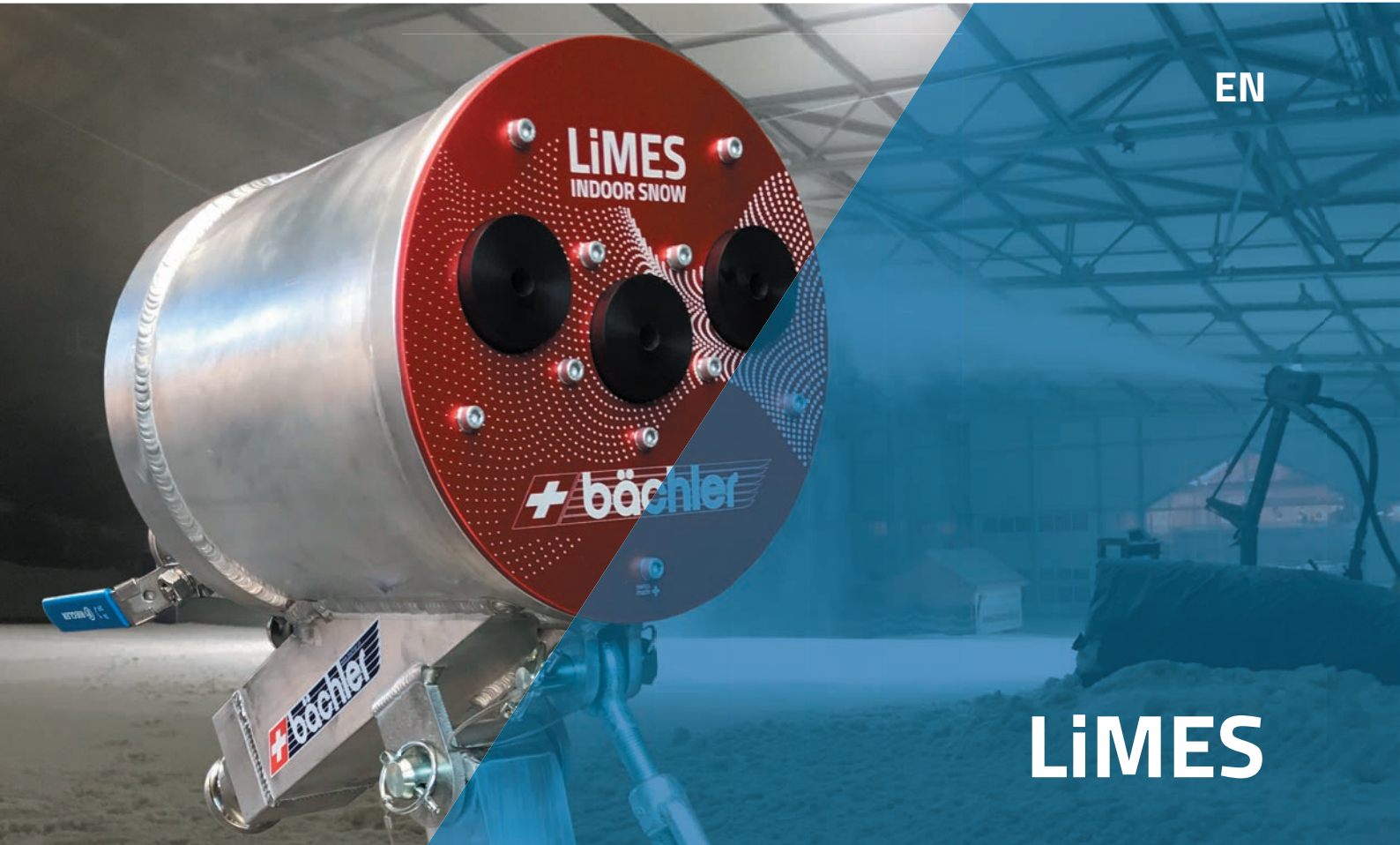


EN



**LiMES**

The revolution in indoor snowmaking



# The revolution in indoor snowmaking

Existing snowmaking systems for indoor Skiareas and SNOW-Funcenters have exorbitant high costs for energyconsumption. The compared price is minimum five times higher than LIMES. While indoor snowmaking the temperature in the area increases relatively fast. Not in case with LiMES! There is nearly no measurable temperature increase and you can produce snow for hours or even days without interruption.

## Advantages of LiMES

- Startup Temperature  $-1^{\circ}\text{C}$  wet bulb temperature
- Nearly no increase of ambient temperature during snowmaking process
- Extremely fast snowproduction, guaranteed 75 m<sup>3</sup> of snow in 24 hours with 1 Unit
- Snowquality can be chosen depending of your demand from superdry- to wet-snow
- Very good spread of the produced snow
- The snow covers a field of 15 m in width and 60 m in length
- Much lower price for the initial investment
- Easy handling
- Moveable snowmaker, snow can be produced where it will be needed
- Very low energyconsumption



## Technical datas

Model	LIMES
Genre	Indoor snowmaking
Type of control	manually on / off
Dimensions L x W x H	850 x 850 x 900 mm
Weight incl. lifting device	29 kg
Energyconsumption over all	42 kW
Air supply	37 kW screw compressor
Power connection	-
Water flow	18 l/min @ 10 bar 25 l/min @ 20 bar
Working pressure	Air 10 bar / Water 10 - 20 bar
Nozzle equipment	3 patented special nozzles
Snow production performance	3 to 6.8 m <sup>3</sup> /hour
Specific snow weight	330 to 220 kg/m <sup>3</sup>
Start snowmaking from marginal temperature	-1°C wet bulb temperature
Water pressure control	Manual valve
Quality change possible?	Yes
Tilt	0 to 30°
Rotation	360°
Snow covers	15 to 60 m
Groundwork	not necessary
Special feature	nearly no measurable increase of the ambient temperature even with continuous operation over several days

### STATEMENT

„We used 15 snowmaking systems in our hall. In the future there will be only 2 LIMES. The simplicity and the performance is unbeatable!“

*Mathijs van Grieken  
alpinecenter.com Bottrop and Hamburg-Wittenburg*





## **Bächler Top Track AG**

Headquarters  
Lohrensäge 2  
CH-6020 Emmenbrücke

Subsidiary office Austria  
Bergmannstrasse 7  
AT-6850 Dornbirn

+41 56 677 71 00  
info@bachler.ch  
www.bachler.ch  
#bachlertoptrack

