

# NESSy ZeroE

## No electricity and additional energy needed

**Snow production completely without electricity and additional energy. A reality thanks to the Bachler NESSy ZeroE! The pressure from the falling water provides the necessary energy and it is snowing, only with the power of nature.**

The NESSy ZeroE snows even in the marginal temperature range without any electricity or additional energy. The patented snow system itself generates the energy for ice crystallisation. An ejector pump produces an air-/watermixture and split it up subsequently into individually compressed air and water. As a result, the NESSy ZeroE achieves the same good snowing performance as the classic NESSy snow lances.

The NESSy ZeroE is the perfect supplement for existing Bachler lances or to modify an existing infrastructure for use where either no compressed air or no power is available. As well for environmentally friendly snowmaking the NESSy ZeroE is the first choice. Up to four levels are available, to guarantee high performance also in colder conditions. Another advantage is the low noise level.



# Technical Specifications

Lance lengths	10 m, 8.5 m, 7 m, 5 m
Type of control	manual, (automatic)
Snowing levels	1 to 4
Weight incl. lifting device	170 kg (at 10 m Lance length)
Energy requirement	0 kW
Air supply	0 NI/min (own generation)
Water flow rate	52 to 213 l/min
Working pressure	20 - 60 bar
Throw	5 - 20 m
Noise level	58.3 dB at 20 m
Fast change system BTT	available, for optimized handling
Nozzle assembly	29 + 6 water- and 3 nucleator-nozzles
Start marginal temperature	-2.5° WBT
Maximum performance from	-7° WBT
Snowing performance	up to 30 m <sup>3</sup> /h
Specific snow weight	400 - 450 kg/m <sup>3</sup> , adjustable
Foundation	Pit constructions, Concrete- and Screw-Foundations, Mobile solutions
Retrofit/Conversion	easily possible, for existing Bachler lances as well for other providers

## Bächler Top Track AG

Headquarters  
Lohrensäge 2  
CH-6020 Emmenbrücke

Branch office Austria  
Bergmannstrasse 7  
AT-6850 Dornbirn

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

