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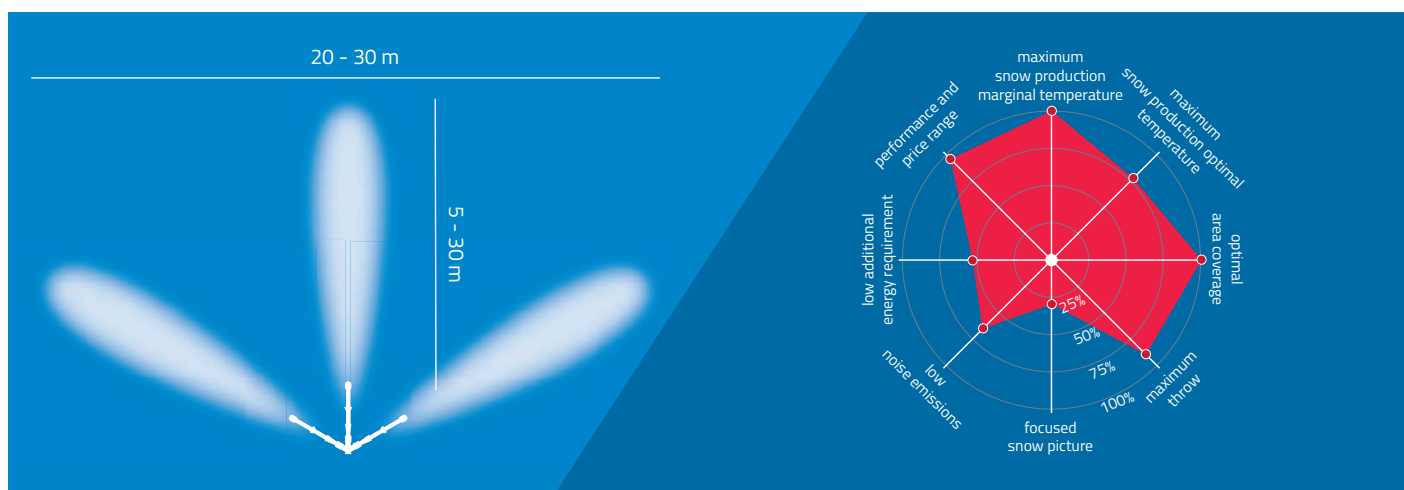
SnoTek TRACK TRIDUSA

The benchmark in marginal temperature performance

The Bachler SnoTek TRIDUSA achieves an incomparable performance in the marginal temperature range. Large area coverage and low additional energy requirement of 4.0 kW resp. 2.5 kW with central air are further impressive plus points.

Snow production in the marginal temperature range is often not economical. The “perfect snowmaking windows” are searched with a lot of effort and expensive technology. The Bachler SnoTek TRIDUSA pursues a different philosophy! Through the optimal use of the physical laws, every snowmaking window can be used. The performance sets new standards: Snow production is possible from -1.5° WBT with an impressive performance of 12 m^3 snow at 20 bar and even 21 m^3 at 60 bar of water pressure per hour.

The two-level lance tripled the snow production per snowing point combined with a large field coverage thanks to the three snow heads. The Bachler SnoTek TRIDUSA can be operated fully automatically in a central air network or with an onboard-compressor as a mobile version. Existing Bachler systems as well lances of other vendors can be easily converted.



Technical Specifications

| | |
|-----------------------------|---|
| Lance lengths | 10 m, 8.5 m, 7 m, 5 m |
| Type of control | manual, automatic, fully automatic |
| Snowing levels | 2 |
| Weight incl. lifting device | 185 kg (at 10 m Lance length) |
| Energy requirement | 2.5 kW (central air),, 4.0 kW (Onboard-Compressor) |
| Air supply | max. 450 NI/min at 10 bar |
| Water flow rate | 90 to 500 l/min |
| Working pressure | 20 - 60 bar |
| Throw | 5 - 30 m |
| Noise level | 61.2 dB at 20 m |
| Fast change system BTT | available, for optimized handling |
| Nozzle assembly | 3 heads with each 3 water-nozzles, 1 V-Jet-Nozzle unit, 6 nucleator-nozzles |
| Start marginal temperature | -1.5° WBT |
| Maximum performance from | -5° WBT |
| Snowing performance | 12 up to 67 m³/h |
| Specific snow weight | 400 - 450 kg/m³, adjustable |
| Foundation | Pit constructions, Concrete- and Screw-Foundations, Mobile solutions |
| Retrofit/Conversion | easily possible, for existing Bachler lances as well for other providers |



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