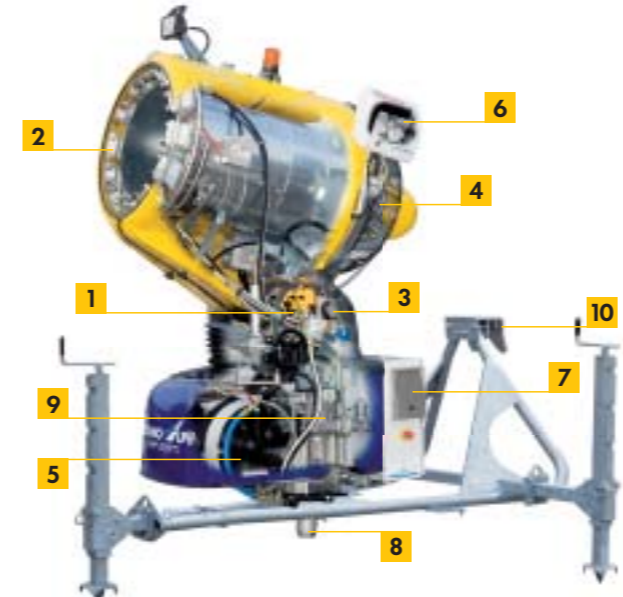


Impressive performance,
advanced engineering.

1 Perfect flow control thanks to the compact valving system.
2 Optimal nucleation for many years The Quadrijet nozzles with ceramic inserts guarantee optimum nucleation even with hard glacial water. The insert heating system for the cast aluminum nozzle rings significantly reduces power consumption.
3 The water filter manufactured in stainless steel has an optimal mesh size for the Quadrijet nozzles. It is easily accessible and quick to clean.
4 High-tech fan The high-performance fan with its external motor guarantees increased air throughput. The result is increased snowmaking capacity and low-noise levels.
5 Oil-free compressor made of aluminum with inter cooler. The snow gun does not need leveling due to the oil-free

compressor. Minimum maintenance and low environmental impact is guaranteed **OILFREE**.
6 Weather station The weather station developed especially for snowmaking operations provides exact air temperature and relative humidity even in micro climates.
7 Menu-driven control panel The large illuminated multi-line display provides a clear overview of all parameters.
8 Water connection Due to the central water connection and integrated swing coupling, the M18 can be rotated 360 deg., even under pressure.
9 Uniform coverage Automatic oscillation up to 180 deg. is the key to snow production with optimum coverage.
10 3-point transportation system For easy handling with a groomer even in difficult terrain.



M18



Leading-edge technology The M18 is designed for superb snow quality at marginal conditions. Advanced atomization and nucleation technology guarantees great snow quality at -1.5 C/ 29 F. wet-bulb. This is your opening day guaranty.

Intelligent solutions Our 15 years of experience with automatic snowmaking is reflected in the control engineering and design, which utilizing intelligent software, precision control and monitoring – for perfect snow quality.

Reliable engineering The combination of experience, proven technology and high-grade materials is the key to a long service life and perfect snow quality for many years – making snowmaking a pleasure!

Low maintenance TechnoAlpin components like the Quadrijet nozzles, the oil-free compressor, simple and compact valving, and the insert heating system reduce maintenance requirements to a minimum. That saves labor and money!

Economic system The combination of efficient flow control, energy saving compressor system, temperature controlled heating and innovative nucleation technology counts for a significantly savings on your energy bill. The intelligent M18 fan gun makes optimum use of even the shortest snowmaking window. Maintenance and user friendly solutions reduces personnel costs. An overall improved return on your investment.





Specifications



Length (with undercarriage)	2,900 mm / 114 inch
Width (with undercarriage)	2,450 mm / 96 inch
Height (with undercarriage)	2,300 mm / 92 inch
Weight of gun	555 kg / 1224 lb
Weight of undercarriage and supports	165 kg / 364 lb
Rotation	360 deg.
Max. angle	45 deg.
Connected load	12,5 kW
Compressor	4 kW
Heating	0,3 - 1,0 kW
Voltage	480/600 V
Frequency	50/60 Hz
Connecting plug (CEE compliant)	63 A
Kamlök water coupling	2"
Min. water pressure	8 bar / 116 PSI
Water filter	250 micron
Fixed nozzles	10 Quadrijet
Variable nozzles	10 Quadrijet
Nucleators	5

Manual snow gun with control panel and display, automatic oscillation and central water connection.

Models:

* Special version, manual snow gun



Length (with undercarriage)	2,900 mm / 114 inch
Width (with undercarriage)	2,450 mm / 96 inch
Height (with undercarriage)	2,300 mm / 92 inch
Weight of gun	650 kg / 1433 lb
Weight of undercarriage and supports	165 kg / 364 lb
Rotation	360 deg.
Max. angle	45 deg.
Connected load	12,5 kW
Compressor	4 kW
Heating	0,3 - 1,0 kW
Voltage	480/600 V
Frequency	50/60 Hz
Connecting plug (CEE compliant)	63 A
Kamlök water coupling	2"
Min. water pressure	8 bar / 116 PSI
Water filter	250 micron
Fixed nozzles	6 Quadrijet
Variable nozzles	12 Quadrijet
Nucleators	6

Fully automatic snow gun.

Models:

07 - Technical specifications subject to change.



english

Models

M18 mounted on tower arm This version is typically used on runs which requires make-up snow throughout the season and for inaccessible areas where wind conditions make it necessary to locate the snow gun over the run itself. The arm rotates and has adjustable height. Standard arm lengths are 10 m/32 ft or 6 m/20 ft.

M18 as a mobile snow gun The undercarriage gives the snow gun full mobility for flexible operation. The 3-point transportation system makes for fast and easy positioning with any groomer.

M18 mounted on tower This permanent installation is ideal for inaccessible sections of a run and areas which require large volumes of snow.

Variable tower height with manual or hydraulic adjustment - standard heights: 4,5 m/15 ft or 3,5 m/11,7 ft

Universal tower height: 1,6 m/5 ft



It is great to rely on someone!
TechnoAlpin has 21 branch offices worldwide. We offer on site customer service 24 hours a day. Customers can rely on TechnoAlpin service whenever and wherever they are, thanks to our professional staff of field support and our large inventory of spare parts. Our technicians are able to offer individual solutions tailored to your needs.

M 18

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