



T40

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Compact, lightweight, good handling. With a total height of 2.40 m and a width of 2.35 m, the T40 Automatic Mobile is ultra-compact and therefore easy to transport, whether by truck or freight container. The machine and the transport frame with jacks weigh just 600 kg and 165 kg respectively, making the T40 Automatic entirely suitable for airlifting as a mobile machine.

**NEW DIMENSIONS
OF SNOWMAKING**



TECHNOALPIN®
snow experts

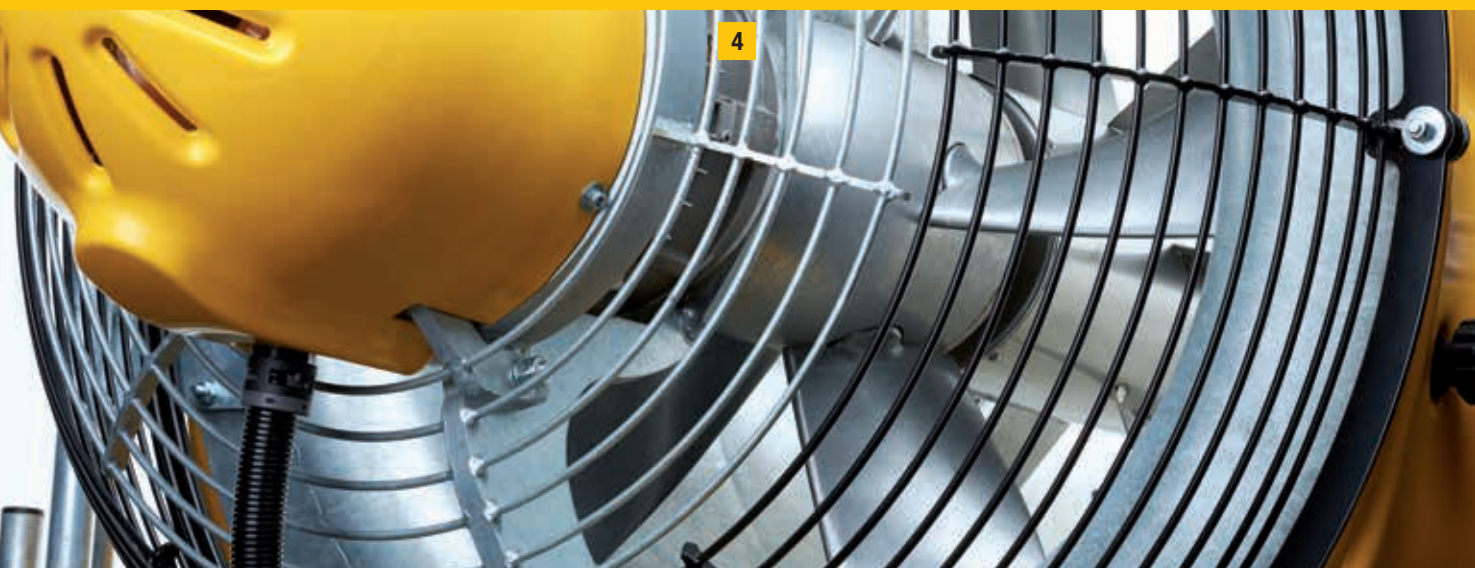
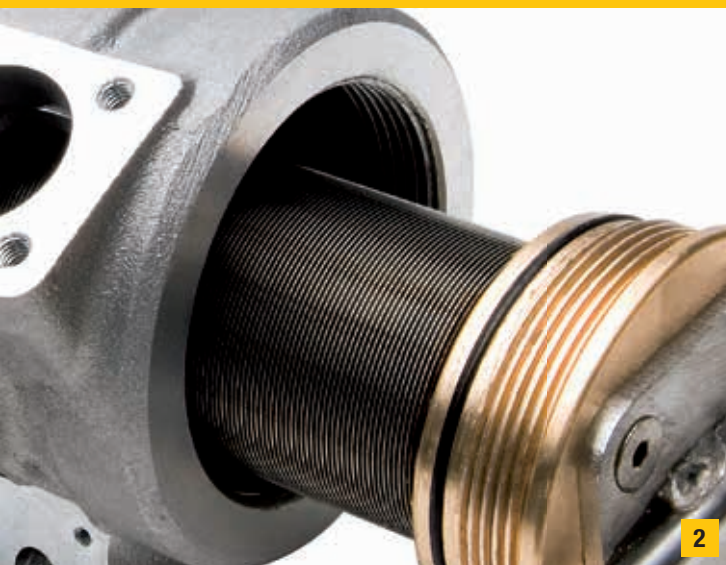




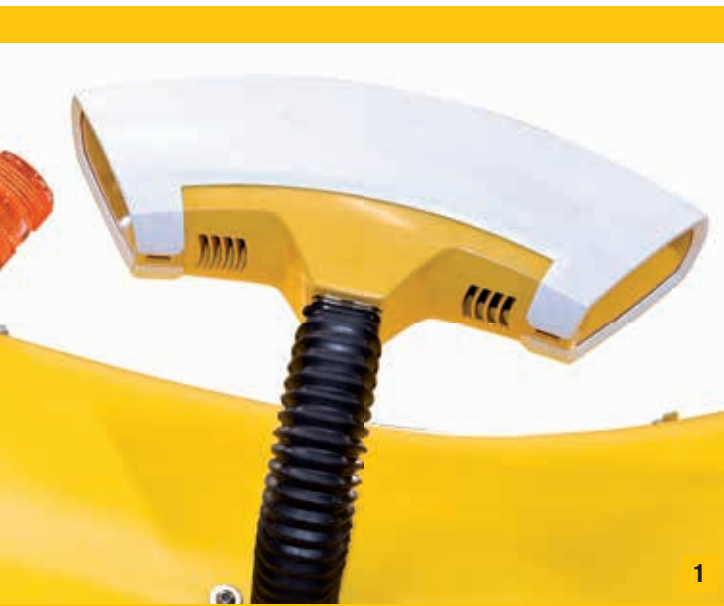
T40

Efficiency delivered by perfectly coordinated components.

1 Nozzle ring. Optimum spray performance for years to come. The wear-resistant Quadrijet nozzles with ceramic insert are durable and require little maintenance - even when used with hard water – and guarantee optimum spray action.



2 Valve technology & water filter. The tried and tested “wedge wire”-type nickel chromium steel water filter guarantees maximum strength and simple cleaning. It does not have any seams, nor does it have the conventional mesh, but it is rolled from a triangular high-grade steel wire. **3 The oil-free aluminium compressor** with integrated cooling circuit is to be thanked for the fact that not a single drop of oil will leach into the environment. The fully automatic T40 can be positioned on any angle on the slope without problems because the low-maintenance oil-free compressor does not need leveling. **4 Energy-efficient turbine.** The externally-mounted turbine motor in conjunction with the solid motor mount and steel fan tube guarantee maximum air output combined with supreme stability. With a fan output of 12.5 kW and 4 kW of compressor power, the T40 boasts impressive energy-efficiency credentials.



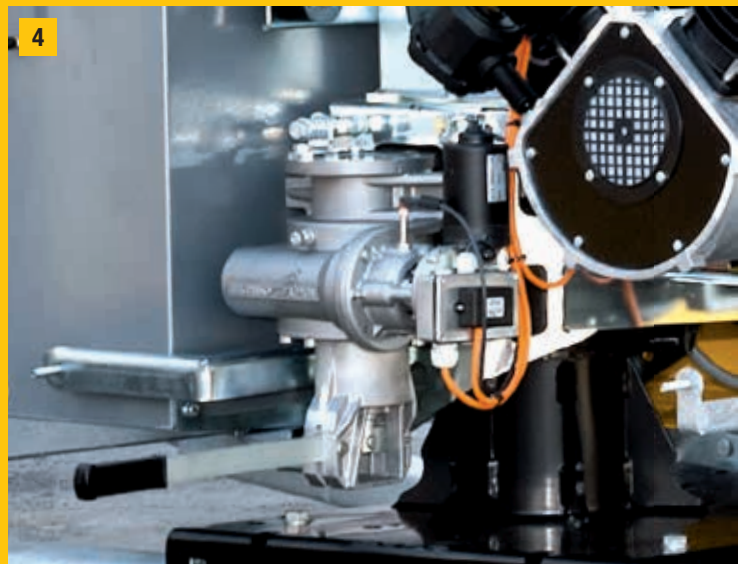
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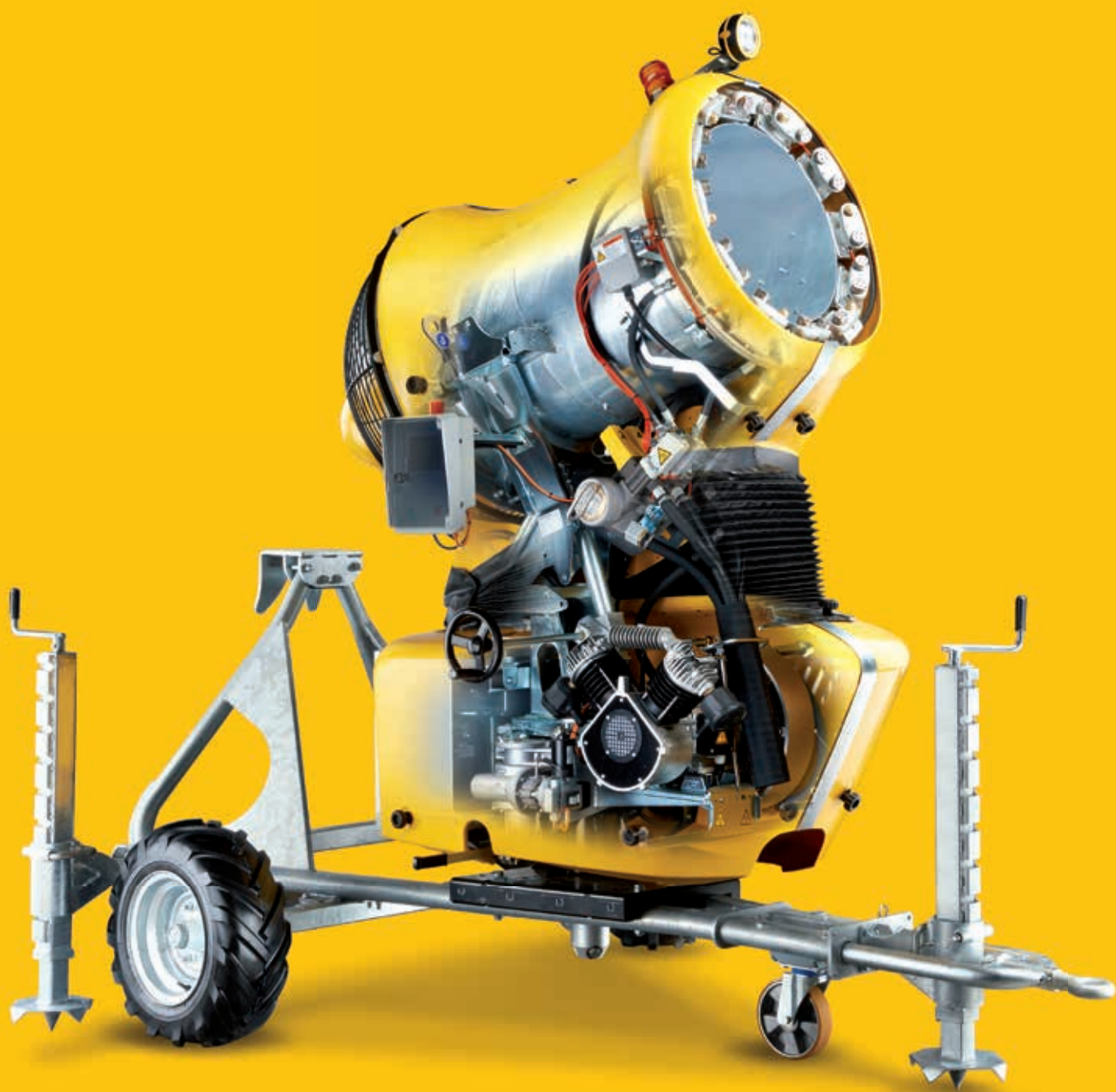


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1 Precise measurement of temperature and relative atmospheric humidity provided by the Techno-Alpin meteostation. **2 The new user interface with color monitor** and LED-backlit keys, protective canopy and anti-vandalism feature simplify the control process. **3 Bluetooth remote control** is available as an option. **4 Rotating mechanism & height adjustment.** The rotating mechanism allows horizontal rotation of 360° and an oscillation pivoting angle of up to 180°. The mechanism to adjust the height for the vertical tilt to 42° works by means of an hydraulic cylinder which is motorized for fixed snow guns. **5 User-friendly.** With access to the horizontal release, height adjustment and valve block with water filter on the same side of the machine, the layout enhances user-friendliness, as do the lightweight PE covers which can be removed quickly.



T40

Temperature-resistant robust electronics.



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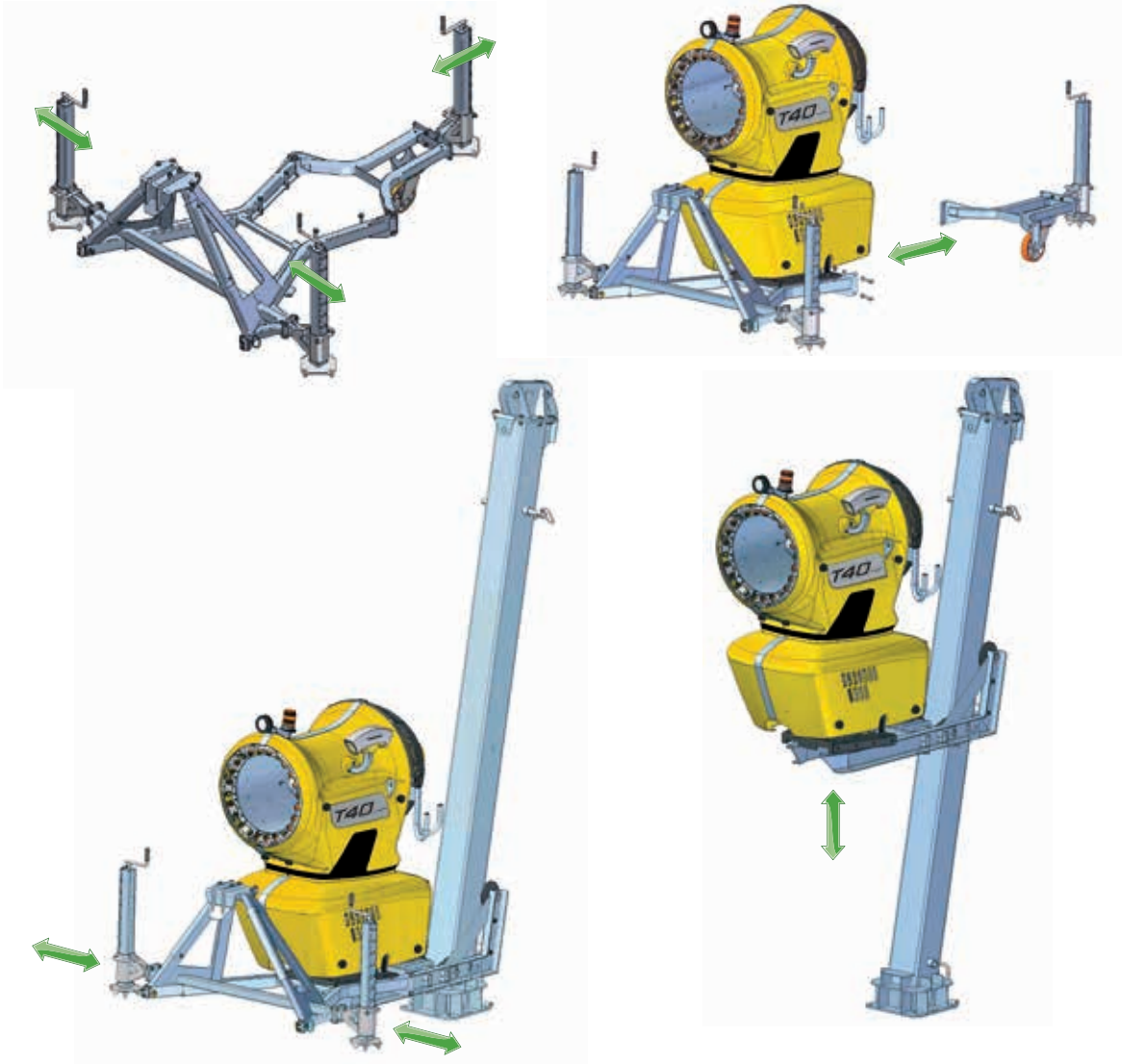


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Greater mobility and versatility.



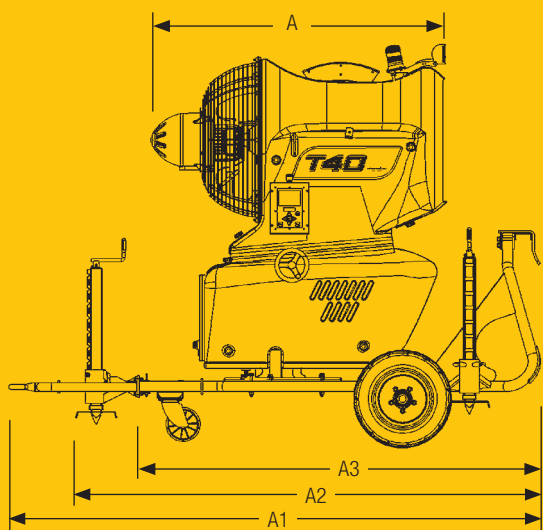
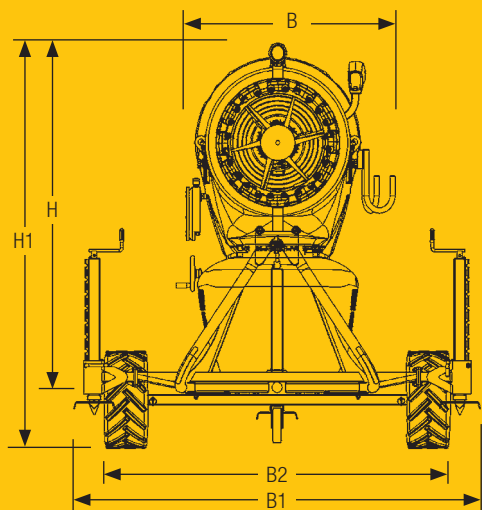
1 T40 arm-mounted. 12 m arm with motorized rotation and height adjustment. **2 T40 mobile.** The undercarriage provides mobility and flexibility. The tried and tested three-point transport system is straightforward and compatible with any snow grooming machine. **3 T40 tower-mounted.** This fixed installation is most frequently used on sections of slope which require large amounts of snow and are difficult to access. Universal tower height: 1.6 m. **4 T40 lift-mounted.** Manual, motorized (Hit-Trac) or hydraulic adjustment facility – standard heights: 4.5 m or 3.5 m.



Mechanical stand & undercarriage. The new stand and the optional two-part carriage allow simple and safe conversion from mobile unit to stationary lift machine. The front section of the undercarriage can be removed from the snow groomer blade and the machine can be mounted and attached directly to the lift carriage. The jacks and rear section of the carriage can then be removed. The snow gun is then connected, moved into operating position and the entire carriage taken away with the snow groomer.

T40

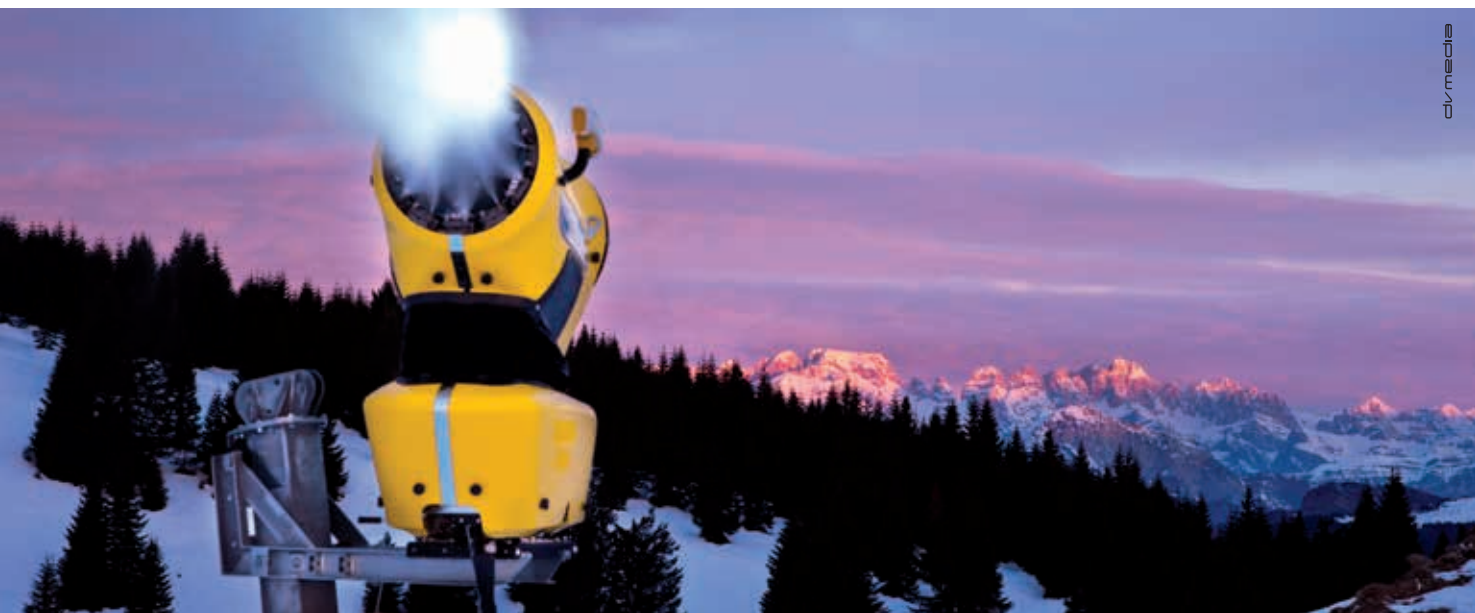
Facts and figures.



Gun length A	1,700 mm
Gun width B	1,300 mm
Gun height H	2,050 mm
Length max. A1	3,000 mm
Length without tow A2	2,700 mm
Length without front jack A3	2,350 mm
Width max. B1	2,350 mm
Width [wheels] B2	2,000 mm
Total-height H1	2,400 mm
Guns weight	600 kg
Undercarriage with jacks	165 kg
KIT for mobile carriage tow (GRPT0013)	85 kg
Nominal voltage	400* V
Nominal frequency	50/60* Hz
Connection plug	5x63* A

Full load current snow gun	33* A
Nominal power - largest motor (turbine)	12.5 kW
Compressor	4 kW
Heating	0.5 - 1.8 kW
RPM	3,000 U/min
Horizontal rotation	360 deg (°)
Automatic swing	180 deg (°)
Turbine inclination	42 deg (°)
Operating water pressure	8 - 40 bar
Water filter	250 micron
Nucleators	6
Fixed nozzles type Quadrijet	6
Operable nozzles type Quadrijet	12
Control unit - PLC	1
Connection water - Camlock	2 in (")

* Measurements at 1500 m above sea level



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