

TITAN

**THE TOP 3
BEST IN CLASS**

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TITAN^{3.0}



MARKET LEADER HIGHEST SNOW PRODUCTION TOP-QUALITY

The **TITAN 3.0** stands out with a production output of 110 m³/h, making it the most efficient fangun on the market. This sophisticated snowgun is also a best seller due to the outstanding quality of its snow, efficient energy consumption and minimum required maintenance.

- 1 **MAXIMUM SNOW PRODUCTION** IN ALL TEMPERATURES
- 2 **MAXIMUM PROJECTION RANGE** DUE TO ITS INNOVATIVE BARREL IN COMBINATION WITH AN ALUMINUM BLADE
- 3 **LIFTING DEVICE DIRECTLY** ON THE FRAME OF THE SNOW GUN FOR A CONVENIENT AND SAFE TRANSPORT
- 4 **COMPACT DESIGN WITH LOW OVER ALL WEIGHT**
- 5 SOPHISTICATED **NOZZLE CONCEPT** FOR OPTIMAL NUCLEATION IN ALL PRESSURE RANGES
- 6 **7" TOUCHSCREEN DISPLAY + DEMACLENKO CONTROL**

TITAN 3.0 DETAILS

OVERVIEW

- > Compact zinc-coated chassis and legs with optional wheels
- > Lifting device directly on the frame of the snow gun for a convenient and safe transport by the snow groomer
- > Compact design with low over all weight
- > FRP (fiberglass composite) barrel with aluminum nozzle ring
- > Stainless steel water nozzles and brass alloy nucleators
- > 360° rotation controlled manually or electronically
- > Automatic or manual height adjustment between 0° and 45°
- > Electrical cabinet with IP55 protection standard
- > Water module with drain and central water connection
- > Aftercooling of the air via water filter
- > Oil-free compressor
- > Spotlight and warning light
- > Force-ventilated weather station
- > Easy access to the water filter
- > Soft start for fan

AUTOMATIC FUNCTIONS

- > Software and operating system available in various languages
- > Fully automatic snow production when operated in a network or stand alone
- > 7" color touchscreen showing water temperature, pressure, water flow, snow quality, air temperature, humidity, electrical consumption as well as statistical data
- > Programmable oscillation from 10° to 330° as well as automatic height adjustment
- > Wind-tracking function integrates with Snowvisual control software (applies to tower- and inclined-elevator-mounted snowguns)

DL-CONTROL, THE NEW DEMACLENKO CONTROL CABINET

- > Standard operation via Wi-Fi with a smartphone, tablet or laptop
- > Current-monitored power outputs and surge protection
- > Power electronics designed for 380V/400V/480V and 50Hz/60Hz*
- > Diagnostics via remote maintenance
- > Indication of the current direction as well as real-time current measurement
- > Integrated interface for software update via Ethernet, Wi-Fi or RS485

*Other voltages available upon request





In operation 11:21:06

Wet bulb temp.	-5.0 °C
Water pressure	0.0 bar
Water flow	0.0 m³/h
Request	8.8 m³/h
Start temp.	-2.3 °C

← [I] [O] →

Icons: Laptop, Hand, Wheelchair, Person, Fan, Gear, Factory

DLC 7.0.0

TITAN^{3.0}

THE **MOST POWERFUL**
ON THE MARKET





TECHNICAL DATA



TITAN 3.0

	MMK	AMK	ATK2 (AT2) ATK3 (AT3)	ASK4 (AS4) ASK6 (AS6)
Height	2,250 mm	2,250 mm	3,815 mm 4,565 mm	5,880 mm 7,880 mm
Lenght	1,745 mm	1,745 mm	1,295 mm	1,880 mm
Width	1,880 mm	1,880 mm	1,015 mm	1,015 mm
Weight fan gun	630 kg	655 kg	655 (583) kg	655 (583) kg
Weight chassis/tower	120 kg	120 kg	85 kg 100 kg	449 kg 558 kg

PERFORMANCES

Operation water pressure	8-50 bar
Maximal water flow	11 l/s
Maximal snow production	110 m ³ /h
Throwing range	75 m

ELECTRICAL CHARACTERISTICS

Voltage	380 / 400 / 480 Volt**
Fan	18,5 kW
Compressor	4 kW (600 l/m)
Heating, lights and small consumers (average)*	1,5 kW
Total input power*	24 kW (20 kW)
Frequency	50/60 Hz
Connection plug	63 A

MECHANICAL CHARACTERISTICS

Nucleators	12
Water nozzles	80
Swinging range	360°
Automatic swing	10°-330°
Barrel inclination	0°-45°
Connection water	2"
Water filter	250 μm

*At dew point of -10 °C | **Other voltages available upon request | () With central compressed air supply

TITAN^{3.0} ***Silent***



EXTREMELY SILENT OPERATION WITH THE SAME HIGH SNOW OUTPUT

The **TITAN 3.0 SILENT** features extremely silent operation at a constant high snow output of 110 m³/h. The special fan blade shape reduces noise level significantly, which is a clear advantage when producing snow in residential areas.

1 **LOW NOISE LEVEL** THANKS TO THE BLADE AND SOUND-INSULATED BARREL

2 **LIFTING DEVICE DIRECTLY** ON THE FRAME OF THE SNOW GUN FOR A CONVENIENT AND SAFE TRANSPORT

3 **COMPACT DESIGN WITH LOW OVER ALL WEIGHT**

4 SOPHISTICATED **NOZZLE CONCEPT** FOR OPTIMAL NUCLEATION IN ALL PRESSURE RANGES

5 **7" TOUCHSCREEN DISPLAY + DEMACLENKO CONTROL**

TITAN 3.0 SILENT DETAILS

OVERVIEW

- > Low noise level thanks to the blade and sound-insulated barrel
- > Compact zinc-coated chassis and legs with optional wheels
- > Lifting device directly on the frame of the snow gun for a convenient and safe transport by the snow groomer
- > Compact design with low over all weight
- > FRP (fiberglass composite) barrel with aluminum nozzle ring
- > Stainless steel water nozzles and brass alloy nucleators
- > 360° rotation controlled manually or electronically
- > Automatic or manual height adjustment between 0° and 45°
- > Electrical cabinet with IP55 protection standard
- > Water module with drain and central water connection
- > Aftercooling of the air via water filter
- > Oil-free compressor
- > Spotlight and warning light
- > Force-ventilated weather station
- > Easy access to the water filter
- > Soft start for fan

AUTOMATIC FUNCTIONS

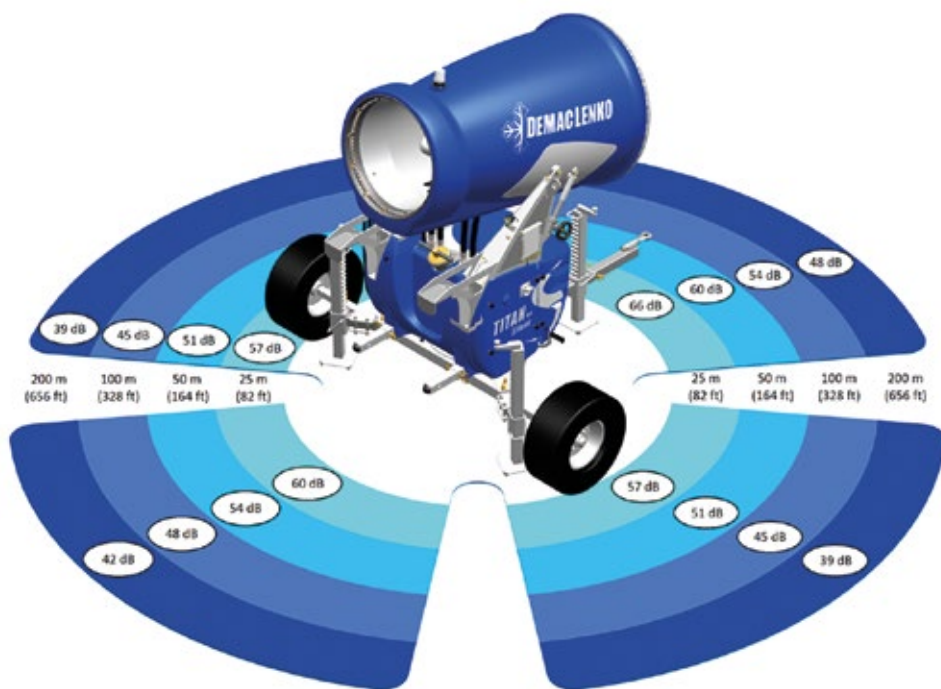
- > Software and operating system available in various languages
- > Fully automatic snow production when operated in a network or in isolation
- > 7" color touchscreen showing water temperature, pressure, water flow, snow quality, air temperature, humidity, electrical consumption as well as statistical data
- > Programmable oscillation from 10° to 330° as well as automatic height adjustment
- > Wind-tracking function integrates with Snowvisual control software (applies to tower- and inclined-elevator-mounted snowguns)

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*Other voltages available upon request





SOUND LEVEL VALUE TITAN 3.0 SILENT



TITAN_{3.0} Silent

THE SILENT HERO OF SNOW
PRODUCTION





TECHNICAL DATA



TITAN 3.0 SILENT

	MMK	AMK	ATK2 (AT2) ATK3 (AT3)	ASK4 (AS4) ASK6 (AS6)
Height	2,250 mm	2,250 mm	3,815 mm 4,565 mm	5,880 mm 7,880 mm
Lenght	1,745 mm	1,745 mm	1,295 mm	1,880 mm
Width	1,880 mm	1,880 mm	1,015 mm	1,015 mm
Weight fan gun	630 kg	655 kg	655 (604) kg	655 (604) kg
Weight chassis/tower	120 kg	120 kg	85 kg 100 kg	449 kg 558 kg

PERFORMANCES

Operation water pressure	8-50 bar
Maximal water flow	11 l/s
Maximal snow production	110 m ³ /h
Throwing range	70 m

ELECTRICAL CHARACTERISTICS

Voltage	380 / 400 / 480 Volt**
Fan	18,5 kW
Compressor	4 kW (600 l/m)
Heating, lights and small consumers (average)*	1,5 kW
Total input power*	24 kW (20 kW)
Frequency	50/60 Hz
Connection plug	63 A

MECHANICAL CHARACTERISTICS

Nucleators	12
Water nozzles	80
Swinging range	360°
Automatic swing	10°-330°
Barrel inclination	0°-45°
Connection water	2"
Water filter	250 µm

*At dew point of -10 °C | **Other voltages available upon request | () With central compressed air supply

TITAN^{3.0}



EXCELLENT AT MARGINAL TEMPERATURES AND HIGH HUMIDITY EFFICIENT ALSO AT LOW PRESSURE

The **TITAN X 3.0**'s high-quality materials are the perfect complement to sophisticated technology and top-class snow production. The multi-nozzle system permits optimal snow output even at marginal temperatures and provides a clear advantage with low pressure range.

1 MULTI-NOZZLE SYSTEM

2 HIGH PERFORMANCE AT LOWER PRESSURE AND HIGH HUMIDITY

3 LIFTING DEVICE DIRECTLY ON THE FRAME OF THE SNOW GUN
FOR A CONVENIENT AND SAFE TRANSPORT

4 COMPACT DESIGN WITH LOW OVER ALL WEIGHT

5 7" TOUCHSCREEN DISPLAY + DEMACLENKO CONTROL

TITAN X 3.0 DETAILS

OVERVIEW

- > Multi-nozzle system
- > Compact zinc-coated chassis and legs with optional wheels
- > Lifting device directly on the frame of the snow gun for a convenient and safe transport by the snow groomer
- > Compact design with low over all weight
- > FRP (fiberglass composite) barrel with aluminum nozzle ring
- > Stainless steel water nozzles and nucleators
- > 360° rotation controlled manually or electronically
- > Automatic or manual height adjustment between 0° and 45°
- > Electrical cabinet with IP55 protection standard
- > Water module with drain and central water connection
- > Aftercooling of the air via water filter
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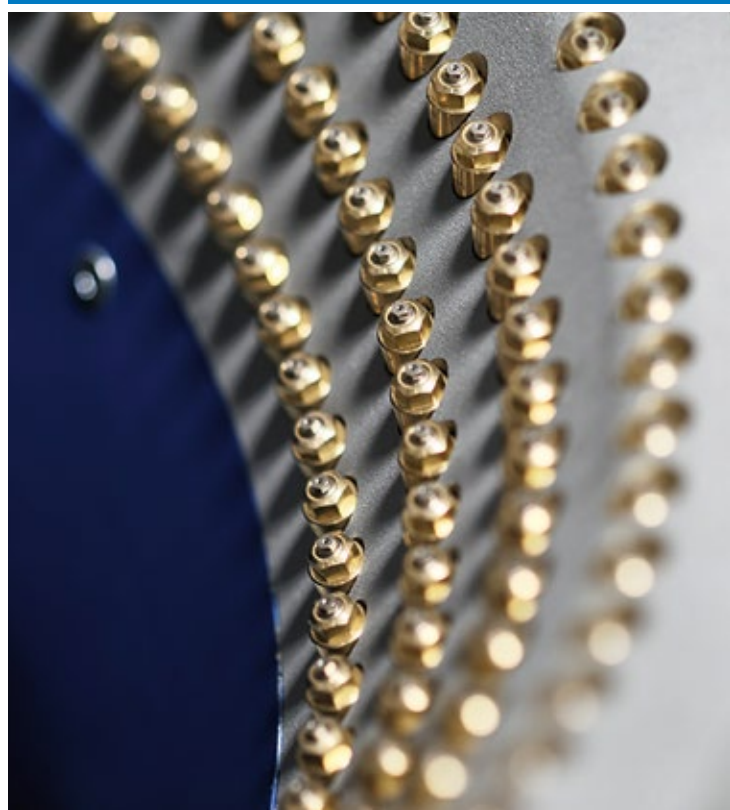
*Other voltages available upon request





TITAN^{3.0} X

BEST IN CLASS AT
MARGINAL TEMPERATURES





TECHNICAL DATA



TITAN X 3.0

	MMK	AMK	ATK2 (AT2) ATK3 (AT3)	ASK4 (AS4) ASK6 (AS6)
Height	2,250 mm	2,250 mm	3,815 mm 4,565 mm	5,880 mm 7,880 mm
Lenght	1,745 mm	1,745 mm	1,295 mm	1,880 mm
Width	1,880 mm	1,880 mm	1,015 mm	1,015 mm
Weight fan gun	653 kg	678 kg	678 (606) kg	678 (606) kg
Weight chassis/tower	120 kg	120 kg	85 kg 100 kg	449 kg 558 kg

PERFORMANCES

Operation water pressure	8-40 bar
Maximal water flow	9,6 l/s
Maximal snow production	96 m³/h
Throwing range	75 m

ELECTRICAL CHARACTERISTICS

Voltage	380 / 400 / 480 Volt**
Fan	18,5 kW
Compressor	4 kW (600 l/m)
Heating, lights and small consumers (average)*	2,5 kW
Total input power*	25 kW* (20 kW)
Frequency	50/60 Hz
Connection plug	63 A

MECHANICAL CHARACTERISTICS

Nucleators	27
Water nozzles	360
Swinging range	360°
Automatic swing	10°-330°
Barrel inclination	0°-45°
Connection water	2"
Water filter	180 µm

*At dew point of -10 °C | **Other voltages available upon request | () With central compressed air supply

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