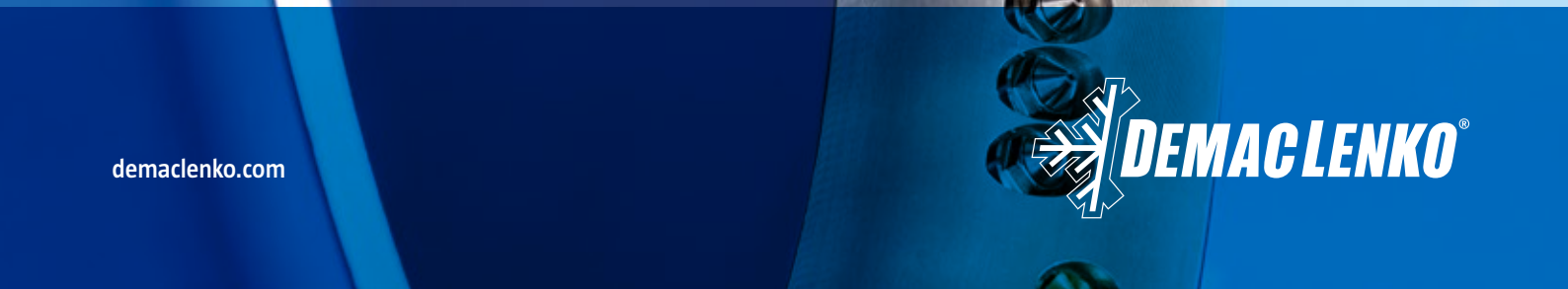


EVO 3.0





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EVO 3.0

DEMAGLENKO

INNOVATIVE TECHNOLOGY EFFICIENT POWERFUL COMPACT

The **EVO 3.0** is the latest Demaclenko product in the compact class. The new snow gun offers customers highly versatile and energy-efficient operation without having to miss out on the high quality state-of-the-art technology of Titan. Therefore, **EVO 3.0** is a compact and resource-saving fan gun that combines innovative technology with economic efficiency.

- 1 WITH ITS **NOZZLE RING**, **EVO 3.0** IS YOUR PERFECT PARTNER FOR SNOWMAKING IN THE MARGINAL TEMPERATURE RANGE
- 2 EXTRAORDINARY **THROWING RANGE**
- 3 EFFICIENCY INCREASE THROUGH **OPTIMIZED PROPELLER BLADE** WITH A TOTAL CONSUMPTION OF JUST **15 HP (11 kW)**
- 4 **NEW CONTROL CABINET**, FEATURING ITS OWN POWER ELECTRONICS: DEMACLENKO CONTROL



EVO 3.0 — Details

OVERVIEW

- > Compact chassis with adjustable support legs for easy and safe positioning on any terrain
- > FRP (fiberglass composite) – barrel with aluminum fan
- > Aluminum nozzle ring
- > Stainless steel water nozzles and brass alloy nucleators
- > Manual or electrical rotation 360°
- > Barrel inclination adjustable manually or electrically between 0° and 45°
- > Valve unit with self-draining and central water inlet
- > Oil-free compressor
- > Warning and LED spotlight
- > Forced ventilated temperature sensor
- > Easily accessible water filter

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)

DL-CONTROL, THE NEW DEMACLENKO CONTROL CABINET

- > Operation via WIFI integrated as a standard in all control units
- > Current monitored power outputs and lightning protection
- > Robust power electronics designed for 480V and 60Hz*
- > Possibility of comprehensive troubleshooting through remote diagnostics
- > Display of the direction of the current
- > Integrated interface for software update via Ethernet, WIFI or RS485

*Other voltages available upon request





EVO 3.0

THE STRONGEST
OF THE
COMPACT CLASS





Technical data



	AMK/MMK	ATK2	ATK US	ETK	ASK4
Height	7.5 ft (2270 mm)	11.8 ft (3610 mm)	15.7 ft (4800mm)	12.5 ft (3815 mm)	18.5 ft (5640 mm)
Length	5.7 ft (1750 mm)	4.2 ft (1270 mm)	6.4 ft (1950 mm)	4.5 ft (1361 mm)	6.2 ft (1900 mm)
Width	6.1 ft (1860 mm)	3.3 ft (1015 mm)	3.9 ft (1200 mm)	3.5 ft (1062 mm)	3.3 ft (1015 mm)
Weight fan gun	1287.5 lbs (584 kg)*	882 lbs (400 kg)**			
Weight tower	–	187.4 lbs (85 kg)	1124 lbs (510 kg)***	507 lbs (230 kg)	990 lbs (449 kg)

*incl. legs and cables | **incl. cables | ***incl. footboard

PERFORMANCES

Operation water pressure	116 - 725 psi (8 - 50 bar)
Maximal water flow	114.1 US gpm (7.2 l/s)
Maximal snow production	42.2 cfm (72 m ³ /h)
Throwing range	197 ft (60 m)

ELECTRICAL CHARACTERISTICS

Voltage	480 V**
Fan	15 HP (11 kW)
Compressor	5.4 HP (4 kW)
Air flow	21 cfm
Heating, lights and small consumers (average)*	1.2 kW*
Total input power*	22 HP (16.2 kW)*
Frequency	60 Hz
Connection plug	30 A

MECHANICAL CHARACTERISTICS

Nucleators	10
Water nozzles	45
Swinging range	360°
Automatic swing	10°-330°
Barrel inclination	0°-45°
Connection water	2"
Water filter	60 US-mesh (250 μm)

*At wet bulb of 14 F | **Other voltages available upon request

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