

THE FUTURE OF SNOW

US



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 propeller machine that combines innovative technology with economic efficiency.

- 1 WITH ITS **NEW NOZZLE RING**, **EVO 3.0** IS YOUR PERFECT PARTNER FOR SNOWMAKING IN THE MARGINAL TEMPERATURE RANGE
- 2 EXTRAORDINARY THROWING RANGE THROUGH **NEW FAN**
- 3 EFFICIENCY INCREASE THROUGH **OPTIMIZED PROPELLER BLADE** WITH A TOTAL CONSUMPTION OF JUST **14.8 HP (11 KW)**
- 4 **NEW CONTROL CABINET**, FEATURING ITS OWN POWER ELECTRONICS: DEMACLENKO CONTROL



EVO 3.0 DETAILS

TECHNICAL HIGHLIGHTS

- > Compact zinc coated steel chassis incl. 3 electroplated support feet and wheels
- > 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
- > Wind chasing function available with snowVisual integration (valid for AT/ATK and AS/ASK)

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

- > 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





EVO 3.0

THE STRONGEST
OF THE
COMPACT CLASS





TECHNICAL DATA



EVO 3.0	MMK	AMK	ATK2 (AT2) ATK3 (AT3)	ASK4 (AS4) ASK6 (AS6)
Height	7.6'	7.6'	11.8' 14.3'	18.5' 25.1'
Length	5.7'	5.7'	4.2'	6.6'
Width	6.1'	6.1'	3.3'	3.3'
Weight fan gun	1041 lbs	1023 lbs	882/754 lbs	882/754 lbs
Weight chassis/tower	264 lbs	264 lbs	187 lbs 220 lbs	989 lbs 1230 lbs

PERFORMANCES

Operation water pressure	115 - 725 PSI
Maximal water flow	114 GPM
Throwing range	197'

ELECTRICAL CHARACTERISTICS

Voltage	480 Volt**
Fan	14.8 HP (11 kW)
Compressor	5.3 HP (4 kW)
Air flow	21 CFM
Heating, lights and small consumers (average)*	1.2 kW
Total input power*	21.7 HP (16.2 kW)
Frequency	60 Hz
Connection plug	60 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

*At dew point of 14 F | **Other voltages available upon request

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