

THE FUTURE OF SNOW

US



# EVO 3.0



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# INNOVATIVE TECHNOLOGY EFFICIENT POWERFUL COMPACT

The **EVO 3.0** is the latest Demacenko 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 2.0. 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



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

## PERFORMANCES

Operation water pressure	<b>115 - 725 PSI</b>
Maximal water flow	<b>114 GPM</b>
Throwing range	<b>197'</b>

## ELECTRICAL CHARACTERISTICS

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

## MECHANICAL CHARACTERISTICS

Nucleators	<b>10</b>
Water nozzles	<b>45</b>
Swinging range	<b>360°</b>
Automatic swing	<b>10° - 330°</b>
Barrel inclination	<b>0° - 45°</b>
Connection water	<b>2"</b>
Water filter	<b>60 US-Mesh</b>

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

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