

# 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 **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

- > 7.0" touch display to operate the machine including information on water temperature, pressure, throughput, snow quality, air temperature and humidity, energy consumption and statistical values
- > Additional control possibility via wireless LAN with smartphone or tablet, operation with gloves in all temperature ranges
- > Error messages switch off the snow gun if required
- > Automatic rotation adjustable between 10° and 330°
- > User language can be chosen freely

## DL CONTROL, THE NEW CONTROL CABINET BY DEMACLENKO

- > Operation via WIFI integrated as a standard in all control units
- > Current monitored power outputs and lightning protection
- > Robust power electronics designed for 380V/400V/480V and 50Hz/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





**EVO** 3.0

THE STRONGEST  
OF THE  
**COMPACT CLASS**







# TECHNICAL DATA



EVO 3.0 MMK



EVO 3.0 AMK



EVO 3.0 ATK



EVO 3.0 ASK

Height	2.250 mm	2.250 mm	3.603 mm	5.731 mm
Lenght	1.745 mm	1.745 mm	1.292 mm	1.876 mm
Width	1.880 mm	1.880 mm	1.014 mm	1.014 mm
Weight	597 kg	602 kg	536 kg	939 kg

## PERFORMANCES

Operation water pressure	8-50 bar
Maximal water flow	7,2 l/s
Maximal snow production	70 m <sup>3</sup> /h
Throwing range	60 m

## ELECTRICAL CHARACTERISTICS

Nominal voltage	380 / 400 / 480 Volt
Fan	11 kW
Compressor	4 kW
Heating, lights and small consumers (average)	1,2 kW
Total input power	16,2 kW
Nominal frequency	50/60 Hz
Connection plug	63 A

## MECHANICAL CHARACTERISTICS

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

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