

EOS

The new definition
of snowmaking







EOS
Highest water flow

New Demaclenko Control System

lower energy consumption

Better snow quality
and production

The water flow of the new EOS is the best in its class on the market with 6.1 l/s (96.7 gpm), and boasts the lowest air consumption of just 195 l/min (6.8 cfm) – equivalent to just 1,5 kW (2.1 HP) on board compressor power

1

The lance is available with 8 steps regulation (as automatic and manual version)

2

New aluminium head with stainless steel nozzle inserts and new nucleation

3

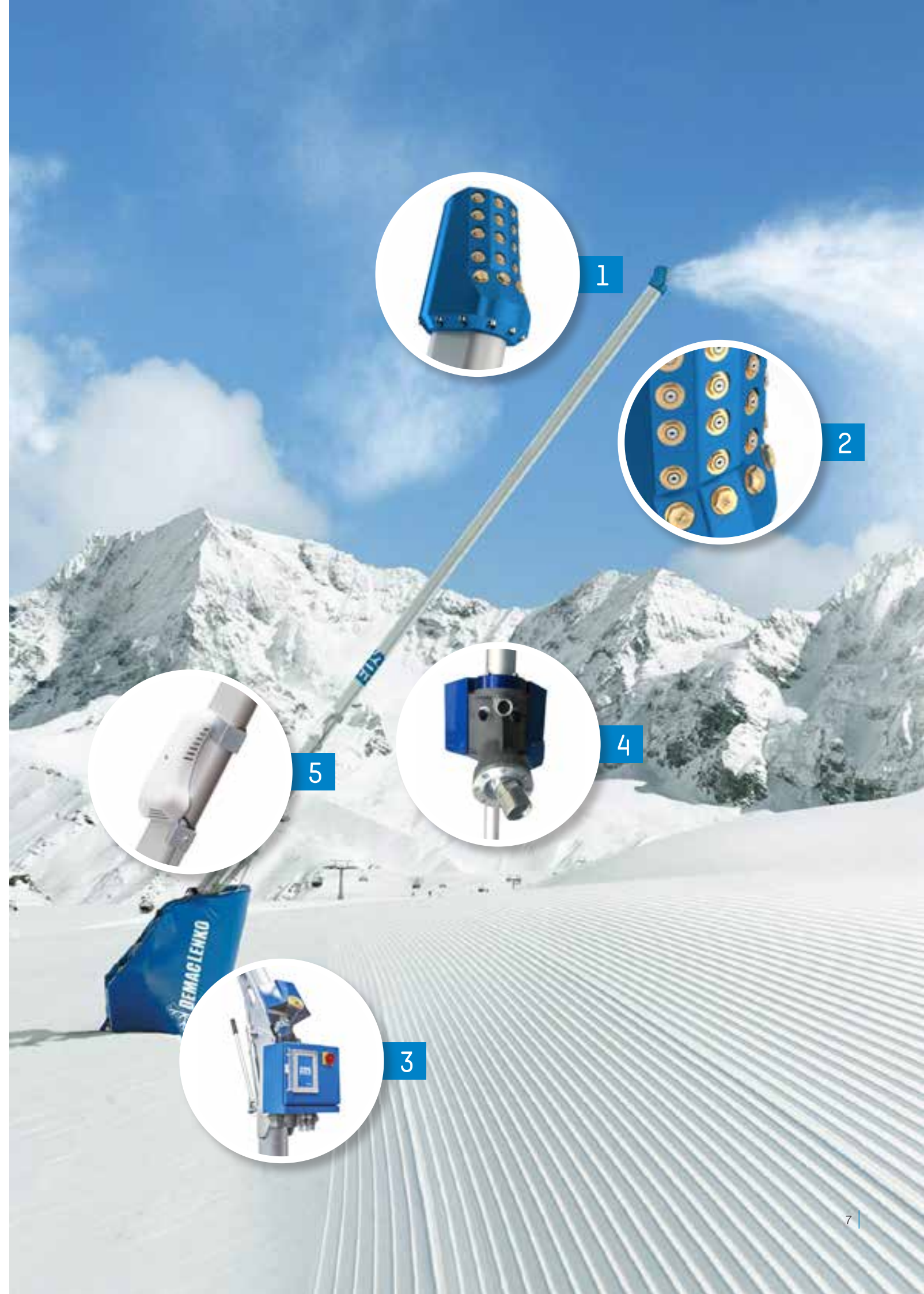
Demaclenko Control System: new electronics, new control software and 7" touch display and WIFI connection

4

Redesigned water module with ball joint

5

Forced ventilated temperature sensor



Technical Highlights

- _ New Aluminium lance head
- _ 8 steps regulation
- _ Demaclenko Control System: new electronics, new user friendly control software, ergonomic 7" touch colour display suitable for working gloves and with WIFI connection for remote access apps
- _ Real time measurement of power & energy consumption as well as voltage
- _ Pressure regulator and improved diagnostic menu
- _ Forced ventilated weather station
- _ Cast aluminium valve block including water filter
- _ Valve block with integrated ball joint which allows easier positioning of the lance without removing the hose
- _ Easy assembly and disassembly of the lance
- _ Extruded aluminium lance rod in oval shape
- _ Spotlight
- _ Snow qualities adjustable from 1–9
- _ Automatic or manual version available

Eos 8: the new water module is installed on the lance rod and Hydrosystem in the pit



Eos 1-2-4: the water module is installed in the pit

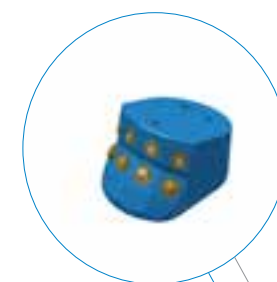


EOS 8

EOS 1-2-4

EOS

Technical Details



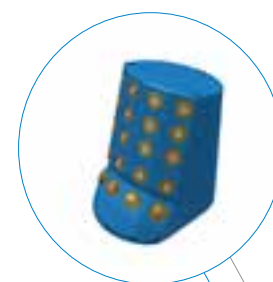
Head EOS A1/M1



Head EOS A2/M2



Head EOS A4/M4



Head EOS A8/M8

fully equipped
Eos A8K-H
(with compressor
and Hydrosystem)

Example configuration
Eos M8 (without
compressor)

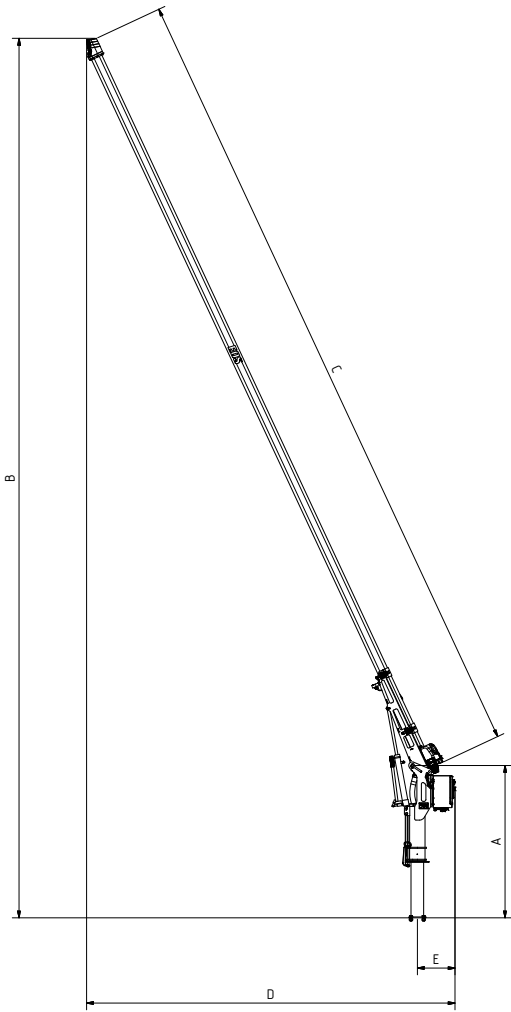
EOS AUTOMATIC

EOS MANUAL



Technical data

Tube length (C)	8.820 mm (28 ft 11 inch)
Operation height (B)	9.670 mm (31 ft 11 inch)
Stand height (A)	1.675 mm (5 ft 6 inch)
Air consumption	195 l/min (6.9 cfm)
Nucleators	4
Water nozzles	4 – 16
Absorbed power (average)	0,25 – 1,8 kW
Nominal voltage (average)	230 – 400 V (480 V / 60 Hz)
Compressor	1,5 kW (2.1 hp)
Heating, light and small consumers (0 – 100%)	0 – 0,6 kW (0.8 hp)
Operation water pressure	15 – 50 bar (217 – 725 psi)
Water filter	250 micron
Maximal water flow	6,1 l/s (96.7 GPM)
Weight	144 – 238 kg (317,5 – 524,7 lbs)



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