

CM3i™ CHALLENGER

SMALL AND POWERFUL



CM3i produces dry snow crystals already from -1 wb. With stepless regulation, long throw length and low energy consumption, this is a safe and efficient workhorse that will be by your side for a long time to come.



BEST SNOW QUALITY

Patented nozzles for world-class crystals.



DRY SNOW FROM -1 WETBULB

Less wind drift and losses result in more snow on the slopes.



STEPLESS CONTROL

Linear production at all temperatures without notches in the curve.



LOW WEIGHT - LONG THROWING LENGTH

All the advantages of a fan gun- now with low weight.



LOW ENERGY CONSUMPTION

Only 22 amps and a flow of +300 liters/min. At -5wb only 0.8 kWh per m³ of snow.



FOLLOW YOUR SYSTEM IN REAL TIME

See consumption, temp, flow, operation etc. via Innosnow Cloud. Communicates via the 4G network.



CM3i CHALLENGER - TECHNICAL SPECIFICATION

FEATURES:

Nozzles	56 pcs. Bronze and hardened stainless steel for long life
Nucleator	6 pcs
Compressor	Atlas Copco, two-cylinder, oil (oil-free as an option)
Height adjustment	Electric servomotor
Weather station	Temperature and humidity
Water control	PLC-controlled in 7 steps. Linear pressure and nozzle control
Swivel angle	Adjustable
Work lighting	LED
Water filter	300 microns
Drum	Heat under the impeller

CONNECTIONS:

Electrical	400 VAC 5-wire system with nominal current 26 Amp/13 kw. 20m 5G6 rubber cable with 32/63 amp plug
Water	Central 2" camlok. 40-300 l/min flow with 7-35 bar pressure

MATERIAL:

Nozzles:	Bronze and stainless
Fan:	Painted aluminum
Drum:	Galvanized
Ram:	PUR/ED
Covers:	ABS
Leg/wheel chassis:	Hot-dip galvanized

OPTIONAL EQUIPMENT AND OPTIONS:

Tripod, tower or chassis with wheels
Communication over the 3G / 4G network - Innosnow Cloud
Fully automatic water hydrant with battery in the event of a power failure
Oil-free compressor