

Taurus 2.0

OPTIMAL PERFORMANCE AT ANY TEMPERATURE

SUFAG
WE KNOW SNOW By MND Group



PERCHES / SNOW LANCES / LANZEN-SCHNEEERZEUGER



IMPROVED DESIGN



TAURUS 2.0 IS THE ONLY AIR/WATER EXTERNAL-MIXING SNOWGUN WITH 8 PRODUCTION THRESHOLDS.

- Snow quality insured with 4 nucleators and regulated with 8 thresholds
- Exceptional precision in marginal temperatures range
- Compact and light design
- Independant solenoid valves
- Smart anti-freezing of the head



This lance is available in a number of lengths according to the slope configuration

✓ GENERAL DATA

Weight	From 38kg (4m) to 54 kg (9,5m)
Height	4 / 6.5 / 9.5 m
Bracket	360° adjustable
Material	Anodised aluminium

⚡ ELECTRICAL DATA

Power input	0.15 kW (4,1 kW with compressor)
Connection type	6-pin industrial connection

❄️ PRODUCTION

Thresholds	8 automatic thresholds per 1°C offset
Start-up temperature	From -2°C WBT
Snow production	up to 56 m3/h
Air consumption	24 to 36 m3/h
Nozzles	8 nozzles + 4 nucleator nozzles

💧 HYDRAULIC DATA

Water pressure	15 to 60 bars
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🧠 AUTOMATION

- Standalone / fully automatic
- Compatible with GSSystem operating system
- Operation costs & energy optimized
- Hard wired, fiber optics, radio communication

+ OPTIONS

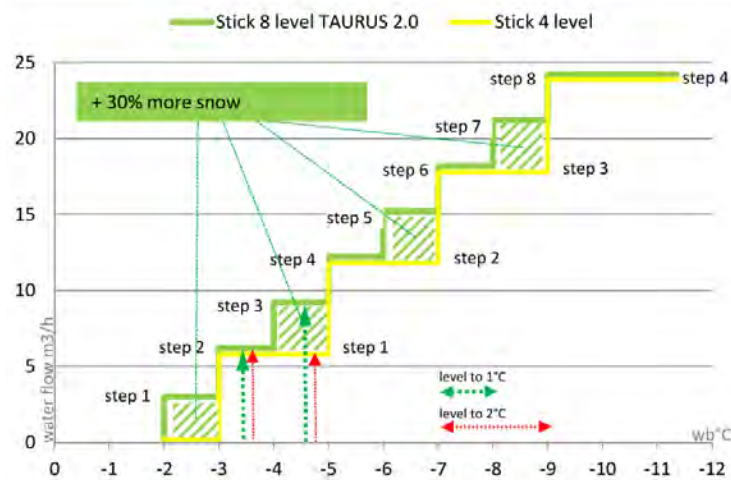
- Network connected or standalone model (with compressor 4 kW)
- Standalone
- Inline filter option for additional equipment protection
- Preventive maintenance service offer

Taurus 2.0

ADVANTAGE OF THE 8 THRESHOLDS IN TAURUS 2.0

THE TAURUS 2.0 IS THE ONLY LANCE WITH 8 AUTOMATIC FLOW MODULATION THRESHOLDS, WHICH OPTIMIZE THE FREEZING CAPACITY, PROVIDING A CONSTANT DENSITY AT ALL TEMPERATURES : THE SNOW QUALITY AT ITS BEST.

Comparison of 8 and 4 production threshold lances



Main

Nucléation

Étage 3

Nucléation

Étage 1

Étage 2

Seuil 1 = M

Seuil 2 = M+1

Seuil 3 = M+2

Seuil 4 = M+1+2

Seuil 5 = M+3

Seuil 6 = M+1+3

Seuil 7 = M+2+3

Seuil 8 = M+1+2+3



TAURUS 2.0 8 THRESHOLDS ENABLES :

- 30% more snow
- 30% less power
- 30% reduction in snowmaking time

THE TAURUS 2.0 STANDALONE (IN OPTION) :

Standalone lance version with 4 kW air compressor

- Mobile on wheeled trailer
- Fixed on ballast girder

IMPROVEMENT TAURUS 2.0 :

- New weather station
- Start-up temperature
- Air flow
- Head design and optimization