

THE FUTURE OF SNOW

US



TITAN^{4.0}



demacenko.com





DEMACLLENKO

Piniinfarina

TITAN 4.0

ENERGY EFFICIENT UNBEATABLE PERFORMANCE LONGEST THROWING RANGE

The new **TITAN 4.0** combines uncompromising functionality and ease of operation with top-notch services and high quality design. It underlines once again DEMACLENKO's position as a leader in innovation and technology in the realm of snowmaking, and wins through its outstanding snow quality, efficient energy consumption and minimal maintenance costs.

- 1 SNOW PRODUCTION UP TO **157 yd³/h AT ONLY 30,8 HP** POWER CONSUMPTION
- 2 **INDUSTRY LEADING SNOW PRODUCTION AT HIGHEST MARGINAL TEMPERATURES**
- 3 **EXCELLENT DESIGN BUILD QUALITY** FOR FUNCTION AND ENERGY EFFICIENCY
- 4 **EQUIPPED FOR HIGH ELEVATION HELICOPTER POSITIONING** WITH MINIMAL COMBINED WEIGHT AND COMPACT CONSTRUCTION
- 5 EQUIPPED WITH THE **LATEST HIGH PERFORMANCE ELECTRONICS** AND LOCAL 7" TOUCH SCREEN CONTROLLER OPERABLE EVEN WHILE WEARING GLOVES
- 6 **SNOW GUN ATTACHED SUB-ASSEMBLY LIFTING DEVICE** FOR SAFE AND EASY TRANSPORT BY SNOW GROOMER



TITAN_{4.0}

THE MOST
POWERFUL
SNOW GUN ON
THE MARKET





TITAN 4.0 DETAILS

OVERVIEW

- > DEMACLENKO designed chassis with adjustable feet for easy and safe positioning on any terrain
- > Snow gun frame mounted Lifting device for safe and easy equipment transport by snow groomer
- > Compact minimal weight construction equipped for helicopter high elevation placement if desired
- > New geometry of fan blade and barrel wing as well as quiet design compressor for reduced noise emission
- > Aluminum nozzle ring
- > Water module integrated in nozzle ring
- > Stainless steel H2O nozzles and brass alloy nucleators
- > 360° rotation controlled manually or electronically
- > Automatic or manual height adjustment 0° and 45°
- > Oil free compressor
- > Three-color LED indicator lamp integrated in outer cowling
- > Force ventilated weather station
- > Easy access bulk water filter

AUTOMATIC FUNCTIONS

- > Fully automatic snow production when operated in a network or in isolation
- > Programmable oscillation from 10° to 330° also with automatic barrel height adjustment available
- > Wind-tracking function integrates with SNOWVISUAL control software (applies to tower- and inclined-elevator-mounted snow guns)
- > 7" color touchscreen showing water temperature, pressure, water flow, snow quality, air temperature, humidity, electrical consumption as well as statistical data
- > DEMACLENKO Snowvisual control software available in different languages

DLC 4.0 - THE NEW DEMACLENKO CONTROL CABINET

- > Proven weatherproof DEMACLENKO touchscreen display operable with gloves
- > 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*
- > Instant availability of operating data and project maintenance plans including diagnostics and remote service interface
- > 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





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TECHNICAL DATA



TITAN 4.0	AMK	ATK2 (AT2) ATK3 (AT3)	ASK4 (AS4) ASK6 (AS6)
Height	8.3'	12.5' 15'	19.2' 25.7'
Length	6.2' – 7'	6'	7.1' 7.5'
Width	6.1' – 7.4'	4.2'	4.2'
Weight fan gun	1708 lbs	1329 lbs (1201 lbs)	1329 lbs (1201 lbs)
Weight tower/winch tower		198 lbs 231 lbs	990 lbs 1230 lbs

PERFORMANCES

Operation water pressure	115–725 PSI
Maximal water flow	25.4 CFM
Maximal snow production	157 yd ³ /h
Throwing range	262'

ELECTRICAL CHARACTERISTICS

Voltage	380 / 400 / 480 Volt**
Fan	24.7 HP
Compressor	5.3 HP
Heating, lights and small consumers (average)*	1 kW*
Total input power*	30.8 HP*
Frequency	50/60 Hz
Connection plug	63 A

MECHANICAL CHARACTERISTICS

Nucleators	12
Water nozzles	84
Swinging range	360°
Automatic swing	10°-330°
Barrel inclination	0°-45°
Connection water	2"
Water filter	60 US-Mesh

*At dew point of 14 F | **Other voltages available upon request | () With central compressed air supply

DEMACLENKO HEADQUARTERS

DEMACLENKO IT SRL

Via Gabriel Leitner 1A
I - 39049 Vipiteno
Tel.: +39 0472 061601
sales.italy@demaclenko.com

DEMACLENKO AUSTRIA & GERMANY

DEMACLENKO GMBH

Michael-Seeber-Straße 1
A - 6410 Telfs
Tel.: +43 5262 621 21 3405
sales.austria@demaclenko.com

DEMACLENKO SWITZERLAND

DEMACLENKO SCHWEIZ GMBH

Im Ehrmerk 11
CH - 8362 Wallenwil
Tel.: +41 (0) 71 9714866
sales.switzerland@demaclenko.com

DEMACLENKO FRANCE

LEITNER FRANCE SAS

Voie Galilée - Zone d'activité d'Alpespace CS 50001
F - 73802 Montmelian Cedex
Tel.: +33 (0) 4 79 84 77 77
sales.france@demaclenko.com

DEMACLENKO CENTRAL & EASTERN EUROPE

DEMACLENKO SP. Z O.O.

Ul. Cieszyńska 444
PL - 43-300 Bielsko-Biała
Tel.: +48 (0) 338 224 062
sales.poland@demaclenko.com

DEMACLENKO AMERICA - EASTERN OFFICE

DEMACLENKO AMERICA INC

264 NH Route 106
US - Gilmanton, NH 03237
Tel.: +1 603 267 7840
sales.usa@demaclenko.com

DEMACLENKO AMERICA - WESTERN OFFICE

DEMACLENKO AMERICA INC

2746 Seeber Drive
US - Grand Junction, CO 81506
Tel.: +1 970 241 4442
sales.usa@demaclenko.com

DEMACLENKO CHINA

POMA BEIJING ROPEWAY CO LTD

Nr. 57 Mang Niu He Road - Huairou District
CN - 101 407 Beijing
Tel.: +86 106 1666966 8618
sales.china@demaclenko.com

DEMACLENKO OCEANIA

LEITNER OCEANIA LTD

14/26 Glenda Drive, Frankton
Queenstown, NZ 9371
Tel.: +64 (0) 21 138 2928
sales.oceania@demaclenko.com