REMOTE DRY ICE PRODUCTION

DRY ICE PRODUCTION HUB

PRODUCE HIGH QUALITY DRY ICE IN REMOTE AREAS

	OUTPUT	OUTPUT SIZE	UNIT DIMENSIONS (l x w x h)	WEIGHT	RATED POWER	START-UP TIME	NOISE LEVEL
PR120H	265 lbs/hr (120kg/hr)	3, 6, 10, 16 mm dry ice pellets/ nuggets	2990 x 2450 x 2900 mm	7,300lb (3,300kg)	9.5 hp (7.0 kW)	< 3 Min	< 85 dB(A)
PR350H	772 lb/hr (350 kg/hr)			9,000lb (4,100kg)	17 hp (12.5 kW)		

POWER SUPPLY
3 X 400 V AC + N + PE, 50Hz
TN-S Earthing system
Imax: 16A
Ipk: 10 kA
480 V AC Solidly Grounded Wye Source

Compliant with the EU Machinery Directive (CE) and UL Design Standards

HMI DISPLAY
15" Color Touch Screen

INLET LIQUID CO_2 PRESSURE
189 - 262 psi (13-18 bar)

COMPRESSED AIR SUPPLY
116 - 145 psi (8-10 bar)

AIR QUALITY
Class 3 - according to ISO 8573-1

BACK PRESSURE ON REVERT GAS
0-14.5 psi (0-1 bar)

EXHAUST GAS PIPE
Internal diameter:
PR120H: 2 in (50mm)
PR350H: 2.5 in (63.5mm)

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DRY ICE PRODUCTION HUB

CONFIDENTLY COLD

The Dry Ice Production Hub integrates the PR120H or PR350H pelletizers with a 3 m / 10 ft High Cube ISO Transportable Container, divided into a machine and filling room capable of producing up to 120 kg/265 lbs or 350 kg/772 lbs of dry ice pellets per hour.

Cold Jet's system is mobile and enables easy set up and handling of dry ice production. The system is ready to use by supplying electrical power, liquid CO_2 and instrumental air, as a mobile solution. With low ownership and maintenance costs, you can supply fresh, high quality dry ice on demand.

REMOTE DRY ICE PRODUCTION SYSTEM FOR MAINTAINING CRITICAL TEMPERATURES

VACCINE DISTRIBUTION

LIFE SCIENCE LOGISTICS

AIRFREIGHT LOGISTICS

REMOTE PRODUCTION

COMMERCIAL FISHING

VENTILATION AND HEATING SYSTEM

CO_2 SAFETY MONITORING SYSTEM

INTUITIVE HMI CONTROL PANEL

DRY ICE BIN

ISO TRANSPORTABLE SHIPPING CONTAINER

DRY ICE PRODUCTION IN 3 STEPS

1. PROGRAM AMOUNT OF DRY ICE:

Using HMI screen, program the amount of dry ice per bin

2. POSITION BIN UNDER CHUTE

Position the bin under the chute and begin dry ice production with the push of a button

3. REMOVE BIN UPON COMPLETION

Take the bin where you need it and position the next one to repeat the process

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