



DRY ICE PRODUCTION

PR120H



THE MOST EFFICIENT LINE OF PELLETIZERS ON THE MARKET

FULLY AUTOMATED

One button operation

QUICK START-UP

Less than 5 minutes

SUB-COOLING TECHNOLOGY

Lowest LCO₂ conversion factor available (2.2)

STAINLESS STEEL ENCLOSURE

Moisture-Free & Noise Reducing



Industry 4.0 enabled
Remote monitoring, diagnostics, and implementation of corrective action

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

RATED OUTPUT

Up to 265 lb/hr (120 kg/hr) of high quality dry ice pellets

DRY ICE PARTICLE SIZE

3 mm, 10 mm, or 16 mm
Other sizes available upon request

MACHINE DIMENSIONS

Length x Width x Height
45 in (1150 mm) x 25 in (650 mm) x 68 in (1738 mm)
Weight: 1,552 lb (704 kg)*
** Includes Hydraulic Oil*

POWER SUPPLY

3 x 480 V AC / 60Hz
(3 x 400 V AC / 50Hz)
Imax: 16A
Solidly Grounded Wye Source (TN-S Earthing System)

RATED POWER

5.8 HP (4.3 kW)

HMI DISPLAY

7 in (178 mm) Color Touch Screen

NOISE LEVEL

Less than 75 db(A)

INLET LIQUID CO₂ PRESSURE

189 - 261 psi (13-18 bar)

COMPRESSED AIR SUPPLY

116 - 145 psi (8-10 bar)

AIR QUALITY

ISO 8573-1, Minimum Class 3

BACK PRESSURE ON REVERT GAS

Less than 14.5 psi (less than 1 bar)

EXHAUST GAS PIPE

ID: 2 in (50 mm)



PR120H

QUIET

Produce dry ice at a comfortable 72 decibels. Similar machines are significantly louder.

EFFICIENT

Proprietary Sub Cooling technology enables: Best LCO₂ to dry ice conversion factor on market (2.2-1). 10% better than competing machines.

ON DEMAND

Start making dry ice in less than two minutes.

PRECISE

Produce the exact amount required. Turn on/off as much as needed, while reducing waste.

HIGH QUALITY

Produce the highest density dry ice available.

FULLY AUTOMATED

One button operation enables ease of use and quick start up/shutdown.

SMART

Remote monitoring, diagnostics, and corrective action with Cold Jet CONNECT. Proactive customer service keeps PR120H up and running at all times.

SIMPLE SOLUTIONS

Capability to accept CO₂ from Dewers and MicroBulk tanks. No expensive infrastructure needed.