

# DRY ICE PRODUCTION

## BAGGING & DOSING SYSTEMS

### 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.

### EFFICIENT

Proprietary Sub Cooling technology enables:  
Best CO<sub>2</sub> to dry ice conversion factor on market (2.2-1).  
10% better than competing machines.

### SMART

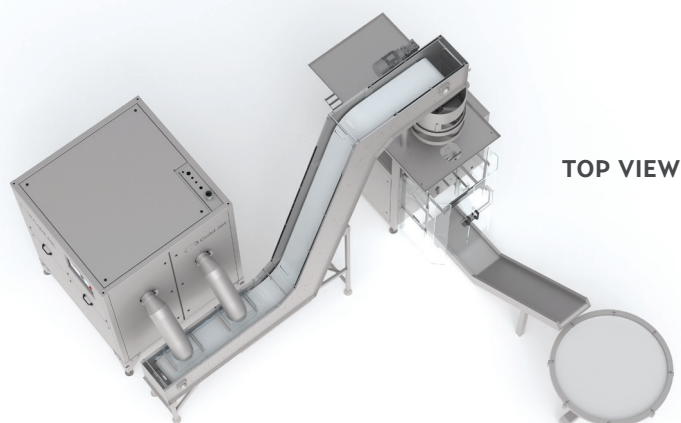
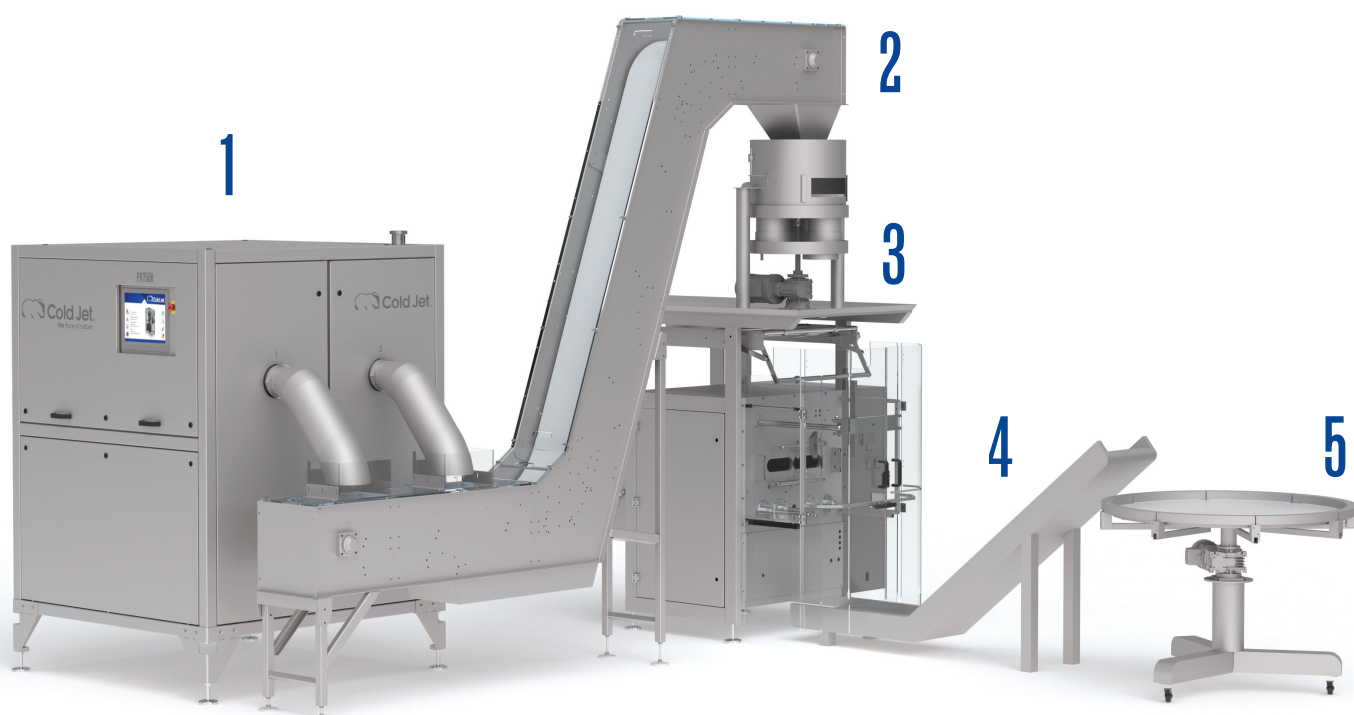
Remote monitoring, diagnostics, and corrective action with Cold Jet CONNECT. Proactive customer service keeps the pelletizer up and running at all times.

### WIDE VARIETY OF SOLUTIONS

From small scale units to high volume and ranging from pellets to nuggets

### QUIET

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



1. Pelletizer PR750H
2. Inlet Conveyor for pellets/nuggets
3. Dosing Unit
4. Bagging Unit
5. Rotary Accumulation Table



# BAGGING & DOSING SOLUTIONS

## FULLY AUTOMATED SYSTEM

- Compact solution for fully automated dry ice production, dosing, and bagging
- Manual handling of dry ice is eliminated

## ACCURACY AND PRECISION

- Accurate weighing system optimized for dosing and packaging dry ice with a diameter of 3 to 16 mm (0.12 to 0.63 in)

## FLEXIBILITY

- Suitable for safety in different applications and industries such as pharmaceuticals and food
- Easy to integrate within existing production line (dosing directly into box or bags)
- Adjustable bag size

## PRODUCTIVITY GAINS

- Production time is reduced with more efficient dosing of dry ice
- Reduce labor costs with automated system

## QUALITY CONTROL

- Proven reliability with less packaging disruptions
- Dry ice is not moved by hand – system is sealed to avoid foreign objects

## LOW OPERATIONAL COSTS

- Low annual parts consumption and long service life with minimal annual PM requirements
- Eliminate packaging film waste ("No product - No bag")



## BAGGING &amp; DOSING SOLUTIONS



## CJ-BD 3.000

DOSING (MAX BAGS PER MINUTE)  
25

WEIGHT OF BAG  
1.1 lb - 6.6 lb  
(500 g - 3.000 g)

TOLERANCES ON WEIGHTS  
max.  $\pm$  5%

BAG SIZE (MAX W x L)  
10 in x 15 in  
(250mm x 380 mm)

CAPACITY MAX\*  
1,650 lb/hr  
(750 kg/hr)

FILM MAX WIDTH  
25 in  
(630 mm)



## CJ-BD 5.000

DOSING (MAX BAGS PER MINUTE)  
35

WEIGHT OF BAG  
1.1 lb - 11 lb  
(500 g - 5.000 g)

TOLERANCES ON WEIGHTS  
max.  $\pm$  5%

BAG SIZE (MAX W x L)  
12 in x 20 in  
(300mm x 520 mm)

CAPACITY MAX\*  
1,650 - 3,300 lb/hr  
(750 - 1.500 kg/hr)

FILM MAX WIDTH  
25 in  
(630 mm)



## CJ-BD 12.000

DOSING (MAX BAGS PER MINUTE)  
35  
*depends on the bag size*

WEIGHT OF BAG  
2.2 lb - 26 lb  
(1.000 g - 12.000 g)

TOLERANCES ON WEIGHTS  
max.  $\pm$  5%

BAG SIZE (MAX W x L)  
16 in x 28 in  
(400mm x 700 mm)

CAPACITY MAX\*  
1,650 - 6,140 lb/hr  
(750 - 3.000 kg/hr)

FILM MAX WIDTH  
37 in  
(950 mm)