

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 CO₂ to dry ice conversion factor on market (2.2-1).
10% better than competing machines.

SMART

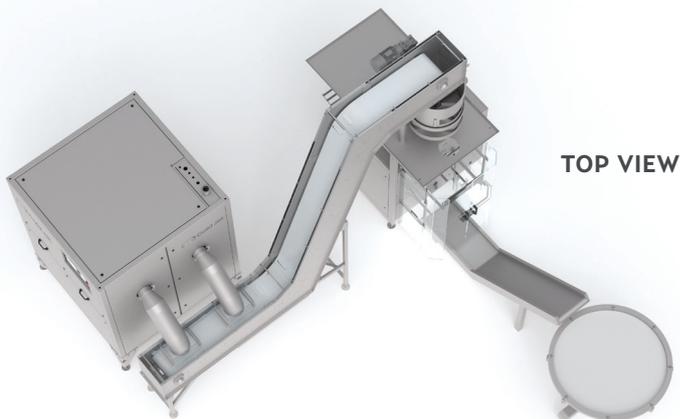
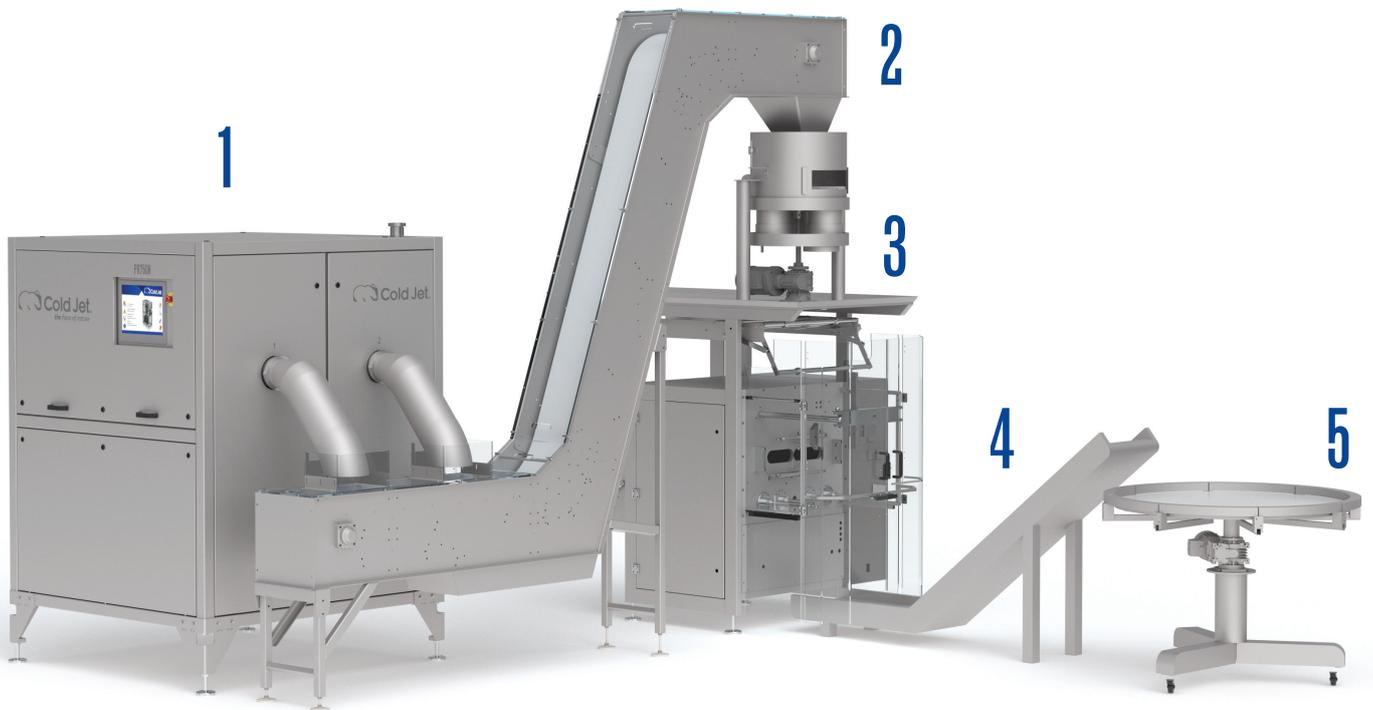
Remote monitoring, diagnostics, and corrective action with Cold Jet CONNECT. Proactive customer service keeps the pelletizer up and running at all times.

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 & DOSING SOLUTIONS



CJ-BD 3.000

CJ-BD 5.000

CJ-BD 12.000

DOSING (MAX BAGS PER MINUTE)

25

DOSING (MAX BAGS PER MINUTE)

35

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35

depends on the bag size

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

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

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

TOLERANCES ON WEIGHTS

max. ± 5%

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

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

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

CAPACITY MAX*

1,650 lb/hr
(750 kg/hr)

CAPACITY MAX*

1,650 - 3,300 lb/hr
(750 - 1.500 kg/hr)

CAPACITY MAX*

1,650 - 6,140 lb/hr
(750 - 3.000 kg/hr)

FILM MAX WIDTH

25 in
(630 mm)

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25 in
(630 mm)

FILM MAX WIDTH

37 in
(950 mm)