

Dry ice production and dosing for storage packaging

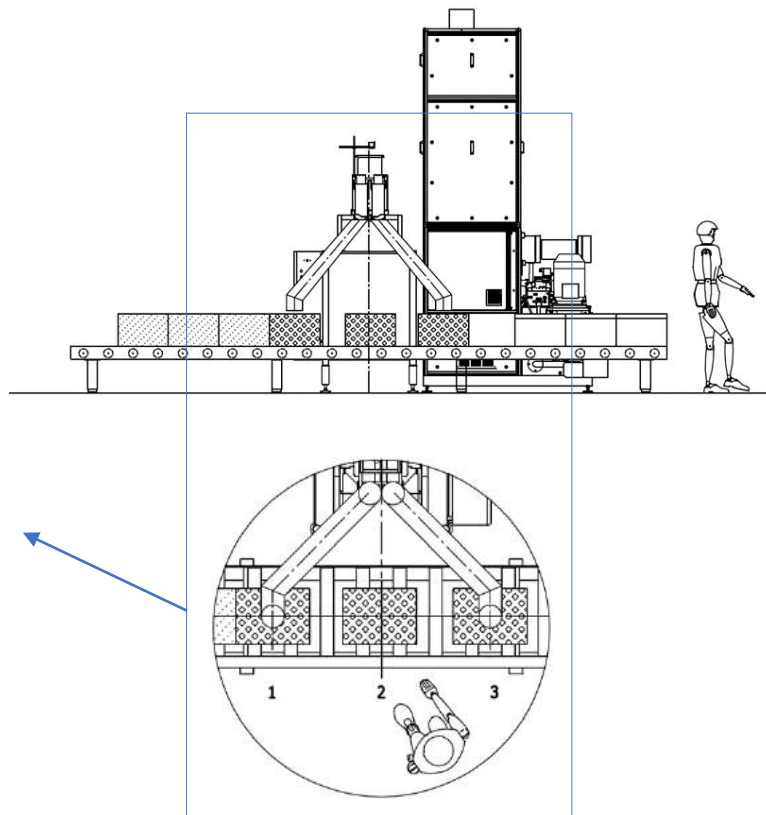
Solution for pharmaceutical, logistic and food industries.

Example „Customized dry ice production & packaging for vaccine shipment:

Configuration: 2x Dry Ice Production lines with dry ice dosing units and conveyor system based on capacity requirements.

Steps:

- 1. First automated pre-filling of boxes.** The bottom of the box is filled with dry ice. Box moves forward on conveyor system.
- 2. Inserting vaccine into the box.** Placing the vaccine doses on dry ice by hand. Thereafter the box is moved forward on the conveyor belt to second dry ice filling station.
- 3. Second automated filling of boxes.** After being filled up with dry ice the box is moved forward for further handling (closing of box, sealing etc.).



Suggested machinery for dry ice production center:



ASCO P75i

Production Capacity: 750 kg/h or 1650 lb/h

Pellet diameters: 3,6,10,16,19 mm or 1/8, 1/4, 3/8, 5/8, 3/4 inch



ASCO BP420i (Blocks & Pellets)

Production Capacity: 400 kg/h or 600 lb/h

Pellet diameters: 3,10,16 mm or 1/8, 3/8, 5/8 inch



ASCO P28i

Production Capacity: 280 kg/h or 600 lb/h

Pellet diameters: 3,10,16 mm or 1/8, 3/8, 5/8 inch



ASCO Pellets Bagging Machine

Packing Capacity: 1000 kg/h or 2000 lb/h

Functions: 250 different filling weights possible

Looking for your own dry ice production?

All ASCO employees are happy to assist you with your individual requirements!

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