



Dry Ice Reformer

DIR5X5 & DIR8X5

TOMCO₂ Systems' Dry Ice Reformers produces a small dry ice slab by recompressing dry ice pellets. The industrial designed reformer utilizes a unique volumetric filling chamber that produces a consistent size and high quality dry ice slab. By recompressing dry ice pellets to a slab form instead of using the traditional bulk cutting method, product loss is minimized.



Features and General Specifications

- Available in two standard slice sizes
- **DIR5X5 Slice Size:** Nominal 4.75" x 4.75" x .75" (121 mm x 121 mm x 19 mm). 14 to 16 oz. per slice.
Other thicknesses available
- **DIR8X5 Slice Size:** Nominal 8.27" x 4.92" x up to 1.97" maximum thickness (210 mm x 125 mm x up to 50 mm maximum thickness). From 800 g to 2 kg per slice.
- **Production rate:** DIR5X5 1200 slices per hour
DIR8X5 600 slices per hour
- **Slice Density:** 98 to 102 lbs./cu. ft.
- **Drive Media:** Hydraulic 15 HP
- **Electrical Characteristics:** 230/460 V, 60 Hz., 3 Ph.
- **Dimensions:** Compact footprint. 65" x 48" x 65" gh
- Optional custom conveyors are available to automate pellets from dry ice machine to reformer and to remove slabs from the reformer. Unit can operate with any size pellet or small broken scrap pieces.
- Optional level control sensor that allows the hopper to maintain a constant level during operation. Unit can be equipped with low bin level detection.
- Allen Bradley MicroLogix 1200 PLC and Hako Color Touch Screen Display.
- **Hydraulic Oil Capacity:** 55 gallons (208 L) (not included)
- Dedicated pelletizer not required.
- Standard industry components.
- **Approximate Shipping Weight:** 2,176 lbs. with oil (987 kg) with oil (987 kg)**

Additional voltages available upon request.

*** Published weight includes equipment only. Shipping crate(s) are not included.*

