

P3000 PELLETIZER

The fully automated P3000 will produce on demand up to 2400 lbs (1,090.9 kg) per hour of consistent, high-density dry ice pellets or nuggets using liquid CO₂ and electrical power.

FEATURES

- Fully automated from start up through shut down
- Pressure gauges located next to control panel
- Multiple standard dies available and custom dies available upon request
- Optional hookup manifold for connection to revert recovery system
- Simplified controls on side, away from dry ice discharge area
- Open frame design allows for quick and easy maintenance
- All 3-phase industrial voltages are available for global installations
- Built-in forklift tubes for easy transport
- Best output-to-footprint ratio available



SPECIFICATIONS

- Hydraulic Oil: 60 gallons / 227.1 liters (included)
- Unit Weight: Approx. 6,825 lbs. (3100 kg)
- Welded steel frame, stainless steel service panel
- Pellet Delivery Chute:
45° and 65" (165.1 cm) from floor
- Dimensions (H x W x L): 72" x 108" x 88"
(182.9 cm x 274.5 cm x 223.5 cm)
- Pressure Gauges: Chamber, Hydraulic, CO₂ vapor, Injection and Liquid CO₂
- Liquid to Solid CO₂ Ratio: 2.3-2.4/1
(dependent on liquid quality, without recovery)
- Standard CO₂ Pellet Diameter Range: 3, 6, 9, 12, 16 & 19 mm (other sizes available)
- Liquid CO₂ Pressure Range: 250-300 psig
(17.5 - 20.5 bar) - consult factory for lower pressure operation set-up

POWER REQUIREMENTS

- 200 - 480 Volts AC, 3-phase 50/60 Hz
(40 HP - 32 kW)
- Average Power Consumption: 14.2 kWh with
40 HP motor

Visit www.dryiceproduction.com to learn more about the P3000 and our other Cold Jet Pelletizers!

