

P3000 Pelletizer

Up to 2,400 lbs/hour (1,090 kg/hour)

Power, Performance and Reliability.

Cold Jet Australia
Reliable Dry Ice Technology Solutions



The fully automatic P3000 will produce on demand up to 2,400 lbs (1,090 kg) per hour of high-density dry ice pellets or nuggets using a source of Liquid CO₂ and electrical power. With the ability to run all four barrels simultaneously or a set of two barrels independently, the P3000 is ready to meet any level of demand.

SYSTEM FEATURES

- Designed for 24/7
- Fully automated start up and shut down
- 3-Phase industrial voltages for global installations
- 3 mm (1/8 in) high density die, standard
- 85 gallons of hydraulic oil (322 liters) standard
- Vented liquid CO₂ valves and pressure relief devices for safety
- Lowest cost of ownership in the industry
- Pressure gauges conveniently located next to control panel
- Optional manifold for connecting to vapor reclaim recovery system



Separate Control Panels for 2 Cylinders
Each bank of cylinder heads can be run independently

Control Panel with HMI
Safely located away from dry ice discharge area

Pressure Gauges
Conveniently located next to control panel

Optional Vapor Recovery Manifold
Integrates with gas reclaim

Open Frame Design
Easy access for maintenance

Welded Steel Frame with Built-in Forklift Tubes
Rugged and durable

WEIGHT
6,825 lbs (3,102 kg)

PELLET DIAMETER RANGE
1/8, 1/4, 3/8, 1/2 & 5/8 in
3, 6, 9, 13, 16 & 19 mm

LIQUID CO₂ PRESSURE RANGE
200-300 psig (14-20 bar)

DIMENSIONS
108 x 72 x 88 in in (275 x 183 x 224 cm)

POWER CONSUMPTIONS
200 - 575 VAC 3-ph 50/60 Hz 4.5 kw average

Dry Ice Manufacturing Systems

Outstanding reliability. Sustained production.



E160	P325/650	P750	P1500	P3000
160 kg/hr 352 lbs/hr	136 (273) kg/hr 300 (600) lbs/hr	273 kg/hr 600 lbs/hr	546 kg/hr 1,200 lbs/hr	1,090 kg/hr 2,400 lbs/hr

Why Cold Jet?

With more than 25 years experience servicing the world's largest global industrial gas companies and heavy dry ice users, our dry ice manufacturing systems are designed for non-stop operation in the most demanding environments. Offering the best output to footprint ratio and the best production uptime of any dry ice manufacturing equipment on the market, Cold Jet pelletizers produce consistent, high density dry ice for the best blast cleaning performance and for optimum transportation. Less breakage, longer shelf life and increased cooling capacity ensures cost savings. Our dry ice production and blasting systems can integrate together or into your current production environment. Cold Jet offers you a 24/7 global customer support to keep your critical production equipment up and running.

Fully Interchangeable Extrusion Die Plates

Machined to extremely high tolerances, our extrusion dies are mechanically optimized for maximum dry ice density while using energy more efficiently and extending the life cycle of the hydraulics.

- 3 mm / 1/8 in
- 6 mm / 1/4 in
- 9 mm / 3/8 in
- 13 mm / 1/2 in
- 16 mm / 5/8 in



Pellets

Produce 3 mm rice-sized pellets, ideal for dry ice blast cleaning applications.

Nuggets

Produce nuggets as large as 16 mm, perfect for shipping and storage.

Join industry leaders already benefitting from Cold Jet dry ice production systems.

