

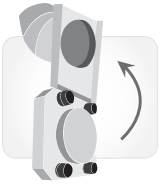
## WHY COLD JET?

As the industry's trusted provider of dry ice production solutions, Cold Jet's systems are designed for non-stop operation in the most demanding environments. Recognized globally for their high quality output and superior service reliability, our pelletizers represent the culmination of over 25 years experience servicing the largest global industrial gas and dry ice producers.

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

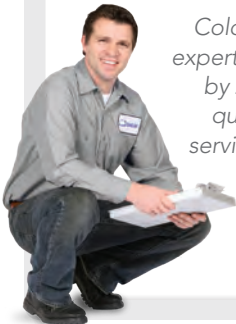


## QUICK DIE CHANGE



Increase production and minimize downtime. Equip your unit with a Quick Die Change (QDC) chute and toolkit to rapidly switch production from pellets to nuggets, meeting all customer product size requests.

## WORRY FREE PRODUCTION



Cold Jet's industry experts are standing by 24/7 to ensure quality customer service throughout the world.

# Dry Ice Production

Cost effective & safe production of high quality dry ice

## Superior quality. Absolute reliability.

Offering the highest output per floor footprint, and the best production uptime of any equipment on the market, Cold Jet's full-line of pelletizers produce consistent, high density dry ice exhibiting superior physical properties. Less breakage, longer shelf-life, and greater cooling capacity mean less cost and greater satisfaction for you.

For maximum performance and flexibility, our dry ice production and blasting solutions can integrate together or into your current production environment. All this backed by our 24/7 global customer support that keeps critical production equipment up and running.



P325	P750	P1500	P3000
300 lbs/hr 136 kg/hr	600 lbs/hr 273 kg/hr	1,200 lbs/hr 546 kg/hr	2,400 lbs/hr 1,091 kg/hr

## Precision Extrusion Dies

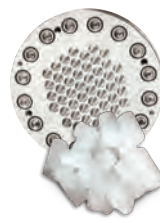
Engineered to extremely high tolerances, our dies are aerodynamically tuned to exert forces that densify dry ice as it is extruded, maximizing energy utilization and extending the useful life of the hydraulics. Dry ice made through precision dies offers the best blast cleaning performance and better transportability, significantly reducing fines and waste.

- 3mm / 1/8"
- 6mm / 1/4"
- 9mm / 3/8"
- 13mm / 1/2"
- 16mm / 5/8"
- 19mm / 3/4"



### Pellets

Produce 1-3 mm rice-sized pellets, ideal for dry ice blast cleaning applications.



### Nuggets

Produce nuggets as large as 19 mm, perfect for shipping and storage.



## BENEFITS OF THE P325

- **COMPACT FOOTPRINT**
- **24/7 PRODUCTION CAPABILITY**
- **FULLY AUTOMATED START UP AND SHUT DOWN**
- **ANNUAL EQUIPMENT INSPECTION COURTESY CALL**
- **PRESSURE GAUGES CONVENIENTLY LOCATED NEXT TO CONTROL PANEL**
- **OPTIONAL MANIFOLD FOR CONNECTION TO VAPOR RECOVERY SYSTEM**
- **3MM (1/8 IN) PRECISION DIE, STANDARD**
- **3-PHASE INDUSTRIAL VOLTAGES FOR GLOBAL INSTALLATIONS**
- **20 GALLONS OF HYDRAULIC OIL (76 LITERS) STANDARD**
- **VENTED LIQUID CO<sub>2</sub> VALVES AND PRESSURE RELIEF DEVICES FOR SAFETY**

## HMI DIAGNOSTIC SCREEN



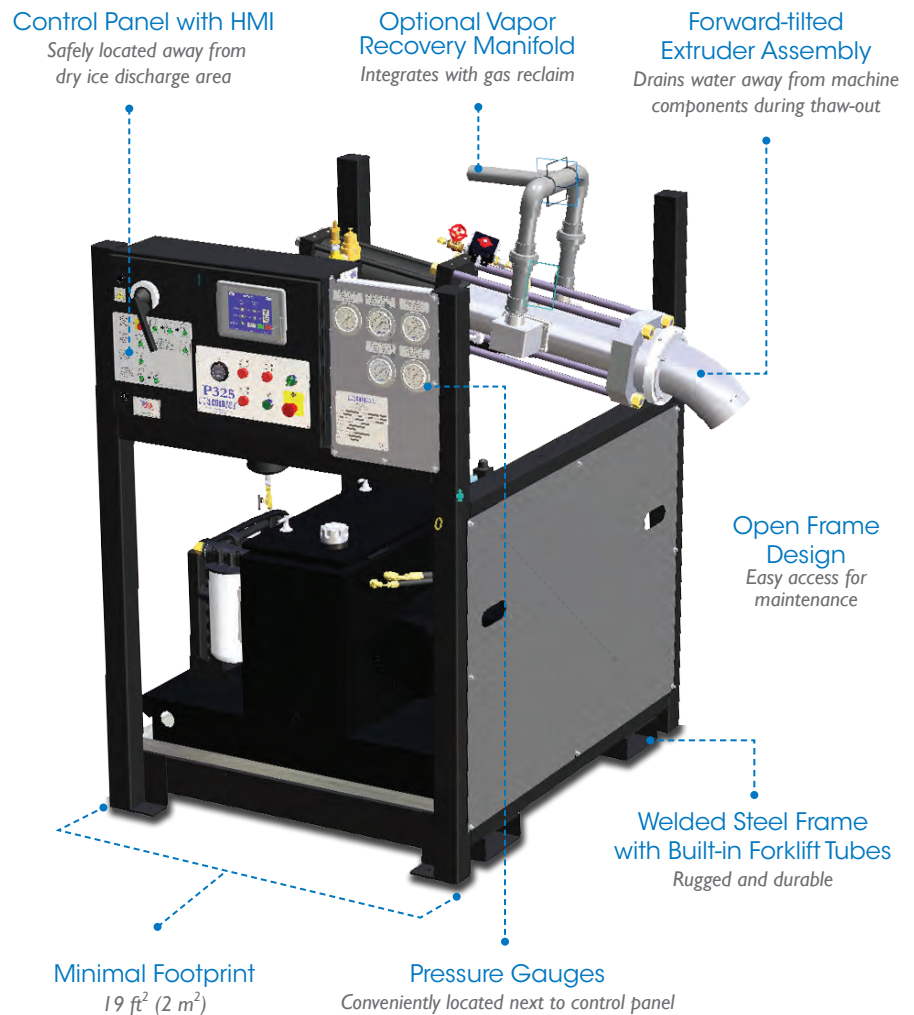
- **STANDARD EQUIPMENT**
- **ONE BUTTON START-UP & SHUT DOWN**
- **CAPABLE OF FULL DIAGNOSTICS**
- **MULTI-LANGUAGE**

# P325 Pelletizer

24/7 dry ice production in a small, durable design

Small enough for trailer portability. Powerful enough for all your production needs.

The fully automated P325 will produce on demand up to 300 lbs (136 kg) per hour of consistent, high-density dry ice pellets or nuggets using liquid CO<sub>2</sub> and electrical power. Compact and reliable, the P325 puts dry ice production in your hands with the lowest cost of ownership available in the industry today.



DIMENSIONS (w/out chutes)	WEIGHT	LIQUID TO SOLID CO <sub>2</sub> RATIO	PELLET DIAMETER RANGE	LIQUID CO <sub>2</sub> PRESSURE RANGE
49 x 56 x 65 in	1,600 lbs	2.5:1 w/out recovery	1/8, 1/4, 3/8, 1/2 & 5/8 in	200-320 psig
124 x 142 x 165 cm	726 kg	1.2:1 w/recovery	3, 6, 9, 13 & 16 mm	14-22 bar

## BENEFITS OF THE P750

- **DESIGNED FOR 24/7 PRODUCTION**
- **UPGRADEABLE TO P1500 PRODUCTION CAPACITY (1200 LBS (546 KG) PER HOUR)**
- **ANNUAL EQUIPMENT INSPECTION COURTESY CALL**
- **FULLY AUTOMATIC START-UP AND SHUT DOWN**
- **3-PHASE INDUSTRIAL VOLTAGES AVAILABLE FOR GLOBAL INSTALLS**
- **LOWEST COST OF OWNERSHIP IN THE INDUSTRY**
- **3MM (1/8 IN) PRECISION DIE, STANDARD**
- **30 GALLONS (114 LITERS) OF HYDRAULIC OIL, STANDARD**
- **VENTED LIQUID CO<sub>2</sub> VALVES & PRESSURE RELIEF DEVICES FOR SAFETY**

## HMI DIAGNOSTIC SCREEN



- **STANDARD EQUIPMENT**
- **ONE BUTTON START-UP & SHUT DOWN**
- **CAPABLE OF FULL DIAGNOSTICS**
- **MULTI-LANGUAGE**

# P750 Pelletizer

24/7 dry ice production with a minimal footprint

## Flexible enough to grow with your business.

The fully automated P750 will produce on demand up to 600 lbs (273 kg) per hour of consistent, high-density dry ice pellets or nuggets in a 22 ft<sup>2</sup> (2 m<sup>2</sup>) footprint using a source of Liquid CO<sub>2</sub> and electrical power. With the ability to upgrade capacity, to 1200 lbs (546 kg) per hour, the P750 offers the lowest cost of ownership and the most flexible solution for your industry.

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

**Optional Vapor Recovery Manifold**  
Integrates with gas reclaim

**Open Frame Design**  
Easy access for maintenance



**Minimal Footprint**  
22 ft<sup>2</sup> (2 m<sup>2</sup>)

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

DIMENSIONS (w/out chutes)	WEIGHT	LIQUID TO SOLID CO <sub>2</sub> RATIO	PELLET DIAMETER RANGE	LIQUID CO <sub>2</sub> PRESSURE RANGE
61 x 51 x 85 in	2,700 lbs	2.5:1 w/out recovery	1/8, 1/4, 3/8, 1/2, 5/8, & 3/4 in	200-320 psig
155 x 130 x 216 cm	1,225 kg	1.2:1 w/recovery	3, 6, 9, 13, 16 & 19 mm	14-22 bar

## BENEFITS OF THE P1500

- **DESIGNED FOR 24/7 PRODUCTION**
- **ANNUAL EQUIPMENT INSPECTION COURTESY CALL**
- **FULLY AUTOMATIC START-UP AND SHUT DOWN**
- **3-PHASE INDUSTRIAL VOLTAGES AVAILABLE FOR GLOBAL INSTALLS**
- **LOWEST COST OF OWNERSHIP IN THE INDUSTRY**
- **3MM (1/8 IN) PRECISION DIE, STANDARD**
- **30 GALLONS (114 LITERS) OF HYDRAULIC OIL, STANDARD**
- **VENTED LIQUID CO<sub>2</sub> VALVES & PRESSURE RELIEF DEVICES FOR SAFETY**

## HMI DIAGNOSTIC SCREEN



- **STANDARD EQUIPMENT**
- **ONE BUTTON START-UP & SHUT DOWN**
- **CAPABLE OF FULL DIAGNOSTICS**
- **MULTI-LANGUAGE**

# P1500 Pelletizer

24/7 dry ice production with a minimal footprint

## Worry Free Production. Absolute Reliability.

The fully automated P1500 will produce on demand up to 1,200 lbs (546 kg) per hour of consistent, high-density dry ice pellets or nuggets in a 22 ft<sup>2</sup> (2 m<sup>2</sup>) footprint using a source of Liquid CO<sub>2</sub> and electrical power. With the lowest cost of ownership available in the industry today, the P1500 provides 24/7 versatility and unrivaled reliability.

### Control Panel with HMI

Each cylinder head can be run independently

### Optional Vapor Recovery Manifold

Integrates with gas reclaim

### Open Frame Design

Easy access for maintenance



Minimal Footprint  
22 ft<sup>2</sup> (2 m<sup>2</sup>)

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

DIMENSIONS (w/out chutes)	WEIGHT	LIQUID TO SOLID CO <sub>2</sub> RATIO	PELLET DIAMETER RANGE	LIQUID CO <sub>2</sub> PRESSURE RANGE
61 x 51 x 85 in	3,725 lbs	2.5:1 w/out recovery	1/8, 1/4, 3/8, 1/2, 5/8, & 3/4 in	200-320 psig
155 x 130 x 216 cm	1,690 kg	1.2:1 w/recovery	3, 6, 9, 13, 16 & 19 mm	14-22 bar

## BENEFITS OF THE P3000

- **DESIGNED FOR 24/7 PRODUCTION**
- **LOWEST COST OF OWNERSHIP IN THE INDUSTRY**
- **FULLY AUTOMATIC START-UP AND SHUT DOWN**
- **3MM (1/8 IN) PRECISION DIE, STANDARD**
- **3-PHASE INDUSTRIAL VOLTAGES AVAILABLE FOR GLOBAL INSTALLS**
- **85 GALLONS (322 LITERS) OF HYDRAULIC OIL, STANDARD**
- **VENTED LIQUID CO<sub>2</sub> VALVES & PRESSURE RELIEF DEVICES FOR SAFETY**
- **ANNUAL EQUIPMENT INSPECTION COURTESY CALL**

## HMI DIAGNOSTIC SCREEN



- **STANDARD EQUIPMENT**
- **ONE BUTTON START-UP & SHUT DOWN**
- **CAPABLE OF FULL DIAGNOSTICS**
- **MULTI-LANGUAGE**

# P3000 Pelletizer

Maximum output for industrial gas companies

## Power, Performance and Reliability

The fully automated P3000 will produce on demand up to 2,400 lbs (1,091 kg) per hour of, high-density dry ice pellets or nuggets in a 44 ft<sup>2</sup> (4 m<sup>2</sup>) footprint using a source of Liquid CO<sub>2</sub> and electrical power. This is the most powerful system available today with the lowest cost of ownership in the industry.

Separate Control Panels  
for 2 Cylinders

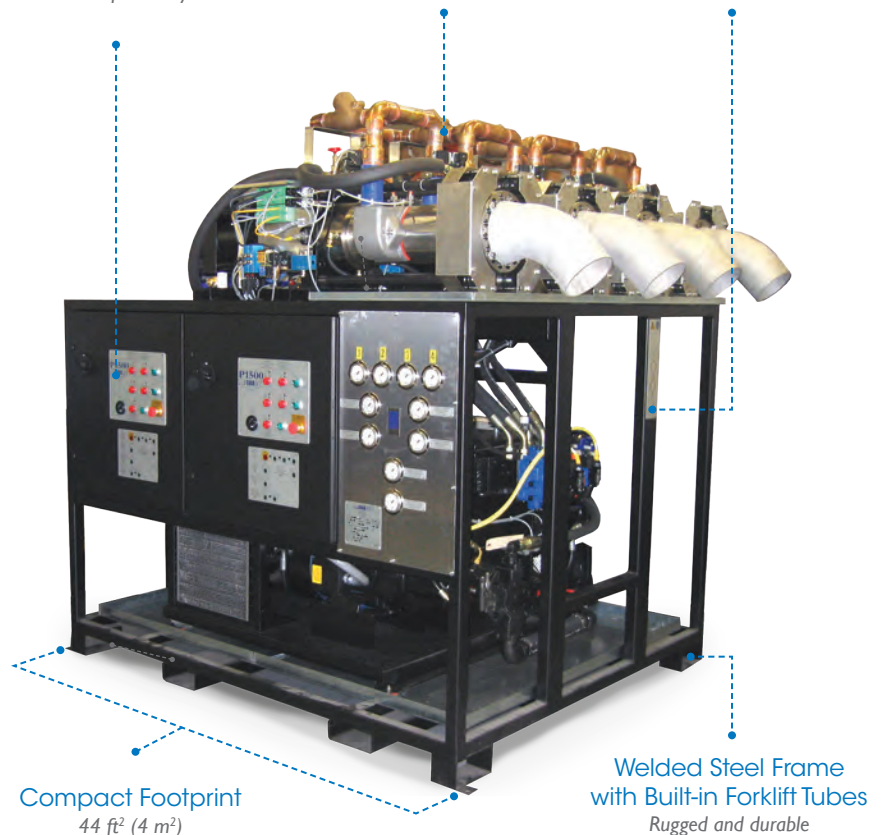
Each bank of cylinder heads can be run independently

Optional Vapor  
Recovery Manifold

Integrates with gas reclaim

Open Frame  
Design

Easy access for maintenance



Compact Footprint

44 ft<sup>2</sup> (4 m<sup>2</sup>)

Highest output to floor footprint  
in the industry

Welded Steel Frame  
with Built-in Forklift Tubes

Rugged and durable

DIMENSIONS (w/out chutes)	WEIGHT	LIQUID TO SOLID CO <sub>2</sub> RATIO	PELLET DIAMETER RANGE	LIQUID CO <sub>2</sub> PRESSURE RANGE
86 x 73 x 85 in	6850 lbs	2.5:1 w/out recovery	1/8, 1/4, 3/8, 1/2, 5/8, & 3/4 in	200-320 psig
218 x 185 x 216 cm	3100 kg	1.2:1 w/recovery	3, 6, 9, 13, 16 & 19 mm	14-22 bar