

DRY ICE PRODUCTION

Pelletizer HP 250

Hydraulic Pelletizer

- high-performance heat exchanger for maximum conversion rate
- simple to install and use
- high pellet density

Dry ice production

The DIS Dry Ice Systems HP 250 Pelletizer produces high density dry ice pellets from liquid CO₂ (carbon dioxide). Liquid CO₂ is fed into the Pelletizer from a low pressure storage tank and released through a dispensing valve to form dry ice snow. The interactive piston in the Pelletizer presses the snow through a die to form high-density dry ice pellets.



Pelletizer HP 250 Pelletizer HP 250

Technical specification:

| | |
|-------------------------------------|--|
| Weight: | 700 kg (1543 lbs), steel housing |
| Dimensions: | (W x L x H) 800 x 1850 x 1550 mm (32 x 73 x 61 inch) |
| Production quantity: | up to 250 kg/h (551 lbs) |
| Pellet size: | cylindrical, 3 mm diameter (standard die), other sizes optional |
| Pressure for CO ₂ inlet: | 16 bar (232 psi) - 20 bar (290 psi) |
| CO ₂ consumption: | approximately 400 kg/h (882 lbs) |
| CO ₂ tank requirement: | cold storage with liquid and gaseous removal max. 20 bar (290 psi) |
| Dryness of CO ₂ : | min. 66 ppm or equivalent of a dew point min. -45°C (-49°F) |
| Feed pipe for CO ₂ : | DN 20 (3/4"), maximum continuous |
| Motor output: | 16 kW |
| Voltage: | 400 V / 50 Hz |
| No. of poles: | 3 |
| Protection class: | IP 54 |
| External fuse: | 32 A |
| Oil tank capacity: | 60 liter |
| Article number: | 430 000 |