

# All about



Besides small Dry Ice Machines we also manufacture and supply:

- Automatic CO2 Production Plants
- CO2 Stack Gas Recovery Plants
- Fermentation CO<sub>2</sub> Recovery Systems
- CO2 Gas Recovery Systems for Dry Ice Machines
- Dry Ice Block / Slice / Pellets Machines
- Dry Ice Blasting Systems **ASCOJET**
- Cryogenic and CO2 Static and Transportable Tanks
- CO2 Cylinder Filling Systems
- CO2 Atmospheric Vaporisers
- CO2 Detectors
- CO2 Flowmeters
- Low to Low Pressure CO2 Transfer Pumps
- CO2 Testing Equipment (Dew Point / Purity / Carbonation)
- Ancillary CO2 Equipment

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## ASCO Dry Ice Mini Pelletizer Type A25P



The A25P dry ice mini pelletizer has been specially developed so that you can produce small quantities of high quality, 3 or 19 mm diameter, dry ice pellets whenever you want.



### 3 mm Pellets at the press of a button

for the growing dry ice blasting market where a high standard of dry ice quality and an immediate availability of freshly produced pellets are key to successful cleaning performance.

Also winemakers use 3 mm pellets to control fermentation.



### 19 mm Pellets at the press of a button:

for companies, starting up a small, independent dry ice operation to ensure fresh dry ice for their own use and to reduce transportation costs. Dry ice is a highly efficient chilling medium used by food distributors, caterers, hospitals and laboratories.

The A25P features high quality, Swiss precision components designed and made using **ASCO's** extensive dry ice engineering experience. The result is a finely tuned, strong dry ice machine capable of converting liquid CO2 to dense dry ice pellets with maximum efficiency.



Some of the A25P high precision components in freshly made 3 and 19 mm dry ice pellets.

### Technical specifications

Production of:	Ø 3 mm or 19 mm dry ice pellets
Extruder plates:	to be changed manually using 4 screws only
Production capacity:	25 kg/hr at 17,5 bar CO2 inlet pressure
Voltage:	400 V / 50 Hz / 3 P+E (other voltages on request)
Power consumption:	1.1 kW
Unit Dimension :	1100 x 360 x 530 mm (w x d x h)
Weight net:	approx. 77 kg
Weight packed:	approx. 100 kg
Dimension packed:	1240 x 440 x 700 mm (w x d x h)
CO2 inlet:	G 1/4 " BSP female
CO2 revert gas outlet:	G 1" BSP male
CO2 source:	CO2 Storage Tank, liquid phase (15 - 20 bar)

### Making your own Dry Ice is Easy

Just place the A25P on a suitable table and connect the CO2 liquid line and power following the simple instructions and your are only **4** steps away from your own, fresh dry ice:

**Step 1:**

Turn the main switch on and press the start button.



**Step 2:**

Open the purge valve to cool down the CO2 liquid line until liquid CO2 is visible at the outlet of the unit.



**Step 3:**

Adjust the differential pressure using the dry ice expansion valve to the value indicated.



**Step 4:**

Check or adjust the differential pressure during the cool down time of the unit as well as frequently during production.



- ✓ Compact
- ✓ Convenient
- ✓ Finger-tip control
- ✓ Affordable investment
- ✓ Cuts down dry ice storage and transport losses
- ✓ Precision engineering incorporating decades of "Know-how"