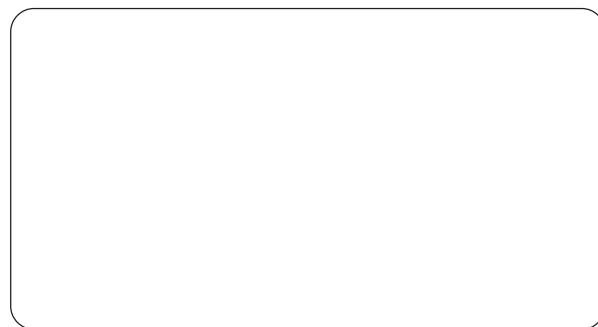


All about



In addition to dry ice pelletizers we also manufacture and supply:

- CO2 Production Plants
- CO2 Stack Gas Recovery Plants
- CO2 Gas Recovery Systems for Dry Ice Machines
- Dry Ice Slices / Block / Pelletizer Machines
- Dry Ice Blasting Systems **ASCOJET**
- CO2 and Cryogenic Static and Transportable Tanks
- CO2 Pumps and 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



1338e

Ask us for further details and offer:

Switzerland (Head Office)
 Industriestr. 2, CH-8590 Romanshorn
 Tel. + 41 71 466 80 80 Fax + 41 71 466 80 66
 e-mail: ascojet@ascoco2.com

ASCO CARBON DIOXIDE LTD

www.ascojet.com

New Zealand
 Box 16134, NZ-Christchurch
 Tel. + 64 3 349 7029 Fax + 64 3 349 4337
 e-mail: info@asco.co.nz.com

ASCO Dry Ice Pelletizer Type A220P



The fully automatic, hydraulically driven dry ice pelletizer A220P is a compact, powerful machine for the production of high quality 3 mm, 10 mm and 16 mm dry ice pellets for dry ice blasting and cooling purposes.

In-house dry ice production guarantees a maximum of quality and flexibility in the daily working process. Even for gas companies the A220P is the ideal tool because it permits the building of independent medium-sized production centres to meet also higher local market requirements.

Function and Applications

The A220P dry ice pelletizer requires a liquid CO2 supply (pressure 13 - 22 bar) and power supply of 400 V / 50 Hz / 3 Ph+E (other voltages available on request). The machine features instant push button start and all functions are controlled by an inbuilt PLC. Dry ice snow is produced in the snowing chamber, pressed and then extruded by a powerful hydraulic unit. Hard, dense dry ice pellets are produced within less than one minute after push button start.

To ensure continuous, reliable operation of the pelletizer, oil temperature, oil level, cycle time, motor overload, CO2 inlet pressure and hydraulic pressure are monitored and displayed on the control panel.

Technical Specifications

Dry Ice Pelletizer A220P-D3

Production capacity:	220 kg/h at 17.5 bar CO2 inlet pressure
Voltage:	400 V / 50 Hz / 3 Ph+E (other voltages on request)
Power consumption:	5.6 kW
Dimensions (lxwxh):	1560 x 800 x 1450 mm
Weight net:	approx. 540 kg (with hydraulic oil)
	approx. 500 kg (without hydraulic oil)
Weight packed:	approx. 630 kg (without hydraulic oil)
CO2 inlet connection:	1" BSP female
CO2 source:	CO2 Storage Tank, liquid phase (13 - 21 bar)

The dry ice pelletizer A220P-D3 is standardly equipped with an extruder plate for the production of pellets with a diameter of 3 mm. Such pellets are used especially for dry ice blasting purposes.

As an option an extruder plate for the production of 10 mm and 16 mm pellets (for cooling purposes) is available. The A220P, however, can also be delivered standardly equipped with such an extruder plate.



3 mm Pellets



10 mm Pellets



16 mm Pellets

Pellet size	3 mm	10 mm	16 mm
Application	Dry ice blasting	Cooling purposes	Cooling purposes

Automatic Dry Ice Filling System

As the machine is fully automatic, start/stop can be achieved by simply pressing a button. With the addition of an optional control system, this unit can be set to automatically fill dry ice storage containers.



The optional automatic filling system, with the appropriate control system, allows a preset low dry ice level to automatically start the dry ice pelletizer, with automatic stop at the preset high level. This way, the dry ice pelletizer produces the required dry ice quantity on his own. Thanks to this higher level of automation a continuous supervision of the dry ice production becomes unnecessary.

The automatic fill control system can also be added at a later stage to the A220P pelletizer if required. The interface for a later installation of the automatic filling system is already integrated in the control panel.



Control for automatic filling system

Option

Automatic dry ice filling system with a platform of 600 x 800 mm for the automatic filling of smaller dry ice storage containers (e.g. dry ice box AT130)

Automatic dry ice filling system with a platform of 1000 x 1000 mm for the automatic filling of dry ice larger storage containers (e.g. dry ice container AT260)