

## All about



Besides Dry Ice Slices/Blocks/Pelletizer Machines  
we also manufacture and supply:

- Automatic CO2 Production Plants
- CO2 Stack Gas Recovery Plants
- CO2 Gas Recovery Systems for Dry Ice 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

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: [info@ascoco2.com](mailto:info@ascoco2.com)

**ASCO CARBON DIOXIDE LTD**

[www.ascoco2.com](http://www.ascoco2.com)

**New Zealand**

P.O.Box 16134, NZ-Christchurch  
Tel. + 64 3 349 7029 Fax + 64 3 349 4337  
e-mail: [info@asco.co.nz](mailto:info@asco.co.nz)

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## AUTOMATIC DRY ICE MACHINE TYPE BP407-S7

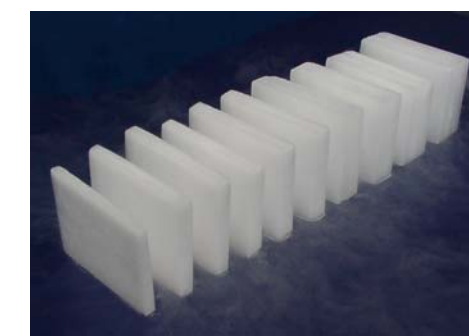
to produce slices, blocks and pellets



3mm Pellets for Dry Ice Blasting



16mm Pellets



10 different slice thicknesses

### Advantages of the ASCO automatic Dry Ice Machine:

- Automatic continuous operation
- Produces 10 different slice thicknesses
- 2 Pellet diameters
- Easy operation
- Simple and quick installation
- European standard CE
- Quality components e.g. BOSCH, Siemens
- Robust construction
- Easy to transport
- Revert gas recovery possible

**ASCOJET**  
DRY ICE BLASTING

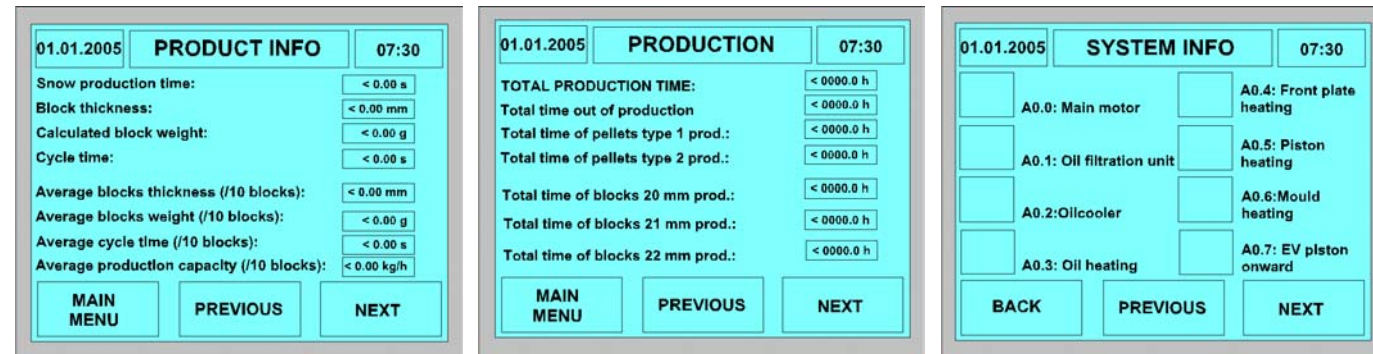
CO2 Production and Dry Ice Plants - Tanks - Ancillary CO2 Equipment

All about



## Dry Ice Technology at its best !

Our dry ice unit is equipped with a Siemens PLC controlled by a color touch-screen for easy access to monitor, calculate and adjust each step of the dry ice production including the hydraulic system. (See example of screen shots underneath)



Production control

Information about Dry Ice Production

Detailed information of the unit

## Inbuilt Special Features !

- 10 x** Produces 10 different slice thicknesses and 2 different types of pellets (option) at the press of a button. Slice thicknesses and diameter of pellets can be specified with the order.
- ACPT** Auto-compensation of CO2 storage tank pressure to ensure slice thickness control
- ICFS** Independent oil cooling and filtration system to increase life of hydraulic equipment and reduce oil consumption.
- PCO** Linear encoder for precise position control of piston and shutter plate.
- Food** Stainless steel pressing chamber to meet food grade standards.
- TSD** Touch Screen Display with 3 access levels, adjustable parameters, on-line production and product information and history file for supervisor.
- RRS** Provision to recover the CO2 gas formed during dry ice production. Ask about our optional revert recovery system.

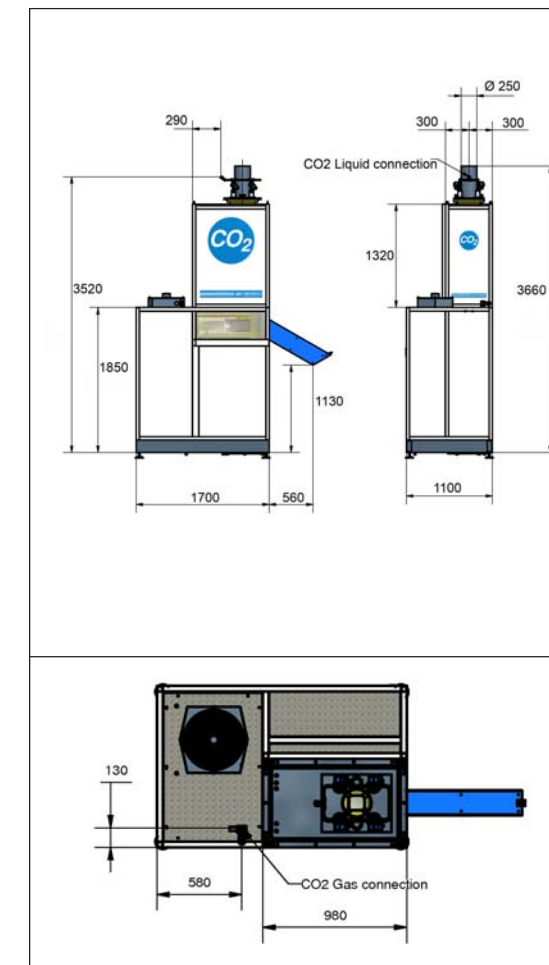
## Slice, Block and Pellet Information

Dry Ice Product	Slice / Block dimension 210 x 125 mm										Pellets 1	Pellets 2
Thickness in mm	20	21	22	25	27	30	35	40	50	60	Ø 3mm	Ø 16mm
Weight in gr/slice	820	860	900	1020	1100	1220	1420	1620	2020	2420	-	-
Capacity in kg/hr	240	245	250	300	220	240	270	300	350	340	400	400

Our machines can be made to produce almost any size of slices/blocks upon special request!  
If you have a special need, please let us know.

## Dimensions and typical layout - includes slice wrapping and CO2 gas recovery equipment

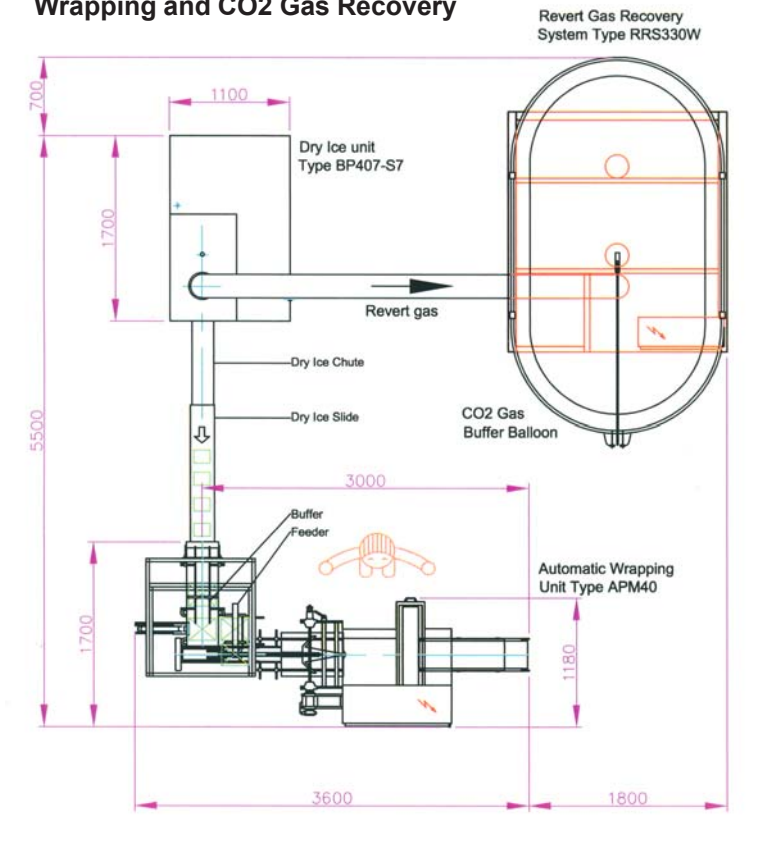
### Machine dimensions BP407-S7:



We can also offer suitable automatic wrapping machines and CO2 gas recovery systems if requested.

### Proposed layout:

#### Automatic Dry Ice Production, Wrapping and CO2 Gas Recovery



- CO2 source:** CO2 Storage Tank, liquid phase (15 - 20 bar)
- Important** We recommend leaving a space of 1 m around the machine.
- Voltage** 400 V, 50 Hz, 3ph, other voltage available on request .
- Consumption** 11 kW
- Guarantee** The automatic Dry Ice Machine is guaranteed for one year (or 4000 hrs of production) from date of shipment against faulty material or workmanship.
- Modification** ASCO reserves the right to modify these specifications without prior notice.

**Making dry ice pellets, slices and blocks has never been easier!**

**Visit our head office demonstration center  
in Romanshorn / Switzerland.**