

# Dry Ice Production / Bagging

## ASCO Pellets Bagging Machine PBM



With its packaging machine PBM, **ASCO** is presenting a compact solution for automated bagging of dry ice pellets. Three models are available depending on the intended filling quantity:

- **PBM 500** for bags from 0.5 kg to 3.0 kg (1.1 to 6.6 lb)
- **PBM 1000** for bags from 0.5 kg to 7.0 kg (1.1 to 15.4 lb)
- **PBM 1500** for bags from 3.0 kg to 11.0 kg (6.6 to 24.2 lb)

The **ASCO** PBM is equipped with an accurate weighing system and is optimised for packing dry ice pellets with a diameter of 3 to 16 mm (0.12 to 0.63 in).

The packaging machine comes with an auger elevator to connect with the dry ice pelletizer and a discharge conveyor. The bag size setting is changed via touch panel with the pre-set possibility for 250 programs. Remote maintenance and data transmission make the PBM industry 4.0 compliant.

Specifications	PBM 500	PBM 1000	PBM 1500
Performance (kg/h):	up to 700 kg/h (1'540 lb/h) bags of 0.5 kg (1.1 lb) approx. 400kg/h (880 lb/h)	up to 1000 kg/h (2'200 lb/h) bags of 0.5 kg (1.1 lb) approx. 400kg/h (880 lb/h)	up to 1500 kg/h (3300 lb/h)
Tolerance max.:	0.5 - 3.0 kg bag: ±50 g (1.1 - 6.6 lb bag: ± 0.1 lb)	0.5 - 3.0 kg bag: ±50 g (1.1 - 6.6 lb bag: ± 0.1 lb) 3.0 - 6.0 kg bag: ±100 g (6.6 - 13.2 lb bag: ± 0.2 lb) 6.0 - 7.0 kg bag: ±150 g (13.2 - 15.4 lb bag: ± 0.3 lb)	3.0 - 6.0 kg bag: ±100 g (6.6 - 13.2 lb bag: ± 0.2 lb) 6.0 - 11.0 kg bag: ±200g (13.2 - 24.2 lb bag: ± 0.4 lb)
Max. foil width:	530 mm (21.0 in)	680 mm (26.8 in)	950 mm (37.4 in)
Bag size (W x L):	32 x 60 mm to 250 x 400 mm (1.3 x 2.4 in to 9.8 x 15.7 in)	32 x 60 mm to 320 x 400 mm (1.3 x 2.4 in to 12.6 x 15.7 in)	50 x 60 to bis 455 x 600 mm (2 x 2.4 in to 17.9 x 23.6 in)
Voltage:	480 VAC ± 5 %/60 Hz/3Ph + PE + N (other voltages and frequencies on request)		
Power consumption:	5 kW (6.7 HP)	7 kW (9.4 HP)	8 kW (10.7 HP)
Pneumatic supply:	6 bar (87 psi); max 100 l/min (depends on bag size)		
Weight machine:	approx. 400 kg (880 lb)	approx. 530 kg (1168 lb)	approx. 850 kg (1874 lb)
Weight conveyors:	200 / 70 kg (441 / 154 lb)	200 / 70 kg (441 / 154 lb)	200 / 70 kg (441 / 154 lb)
Dimensions (L x W x H)	6.9 x 1.4 x 3.0 m (22.6 x 4.6 x 9.9 ft)	7.3 x 1.3 x 3.0 m (24 x 4.3 x 9.9 ft)	8.2 x 1.7 x 3.5 m (27 x 5.6 x 11.5 ft)

## ASCO Pellets Bagging Machine - PBM

Pos. 001

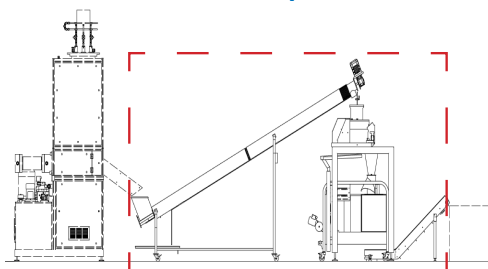
### ASCO PBM 500

Automatic bagging machine for dry ice pellets in bags of 0.5 to 3.0 kg (1.1 to 6.6 lb)

Including auger elevator to connect to the dry ice pelletizer and discharge conveyor

Delivered with a set of spare parts and one roll of packaging film which is needed for installation

part no. 901482



Pos. 002

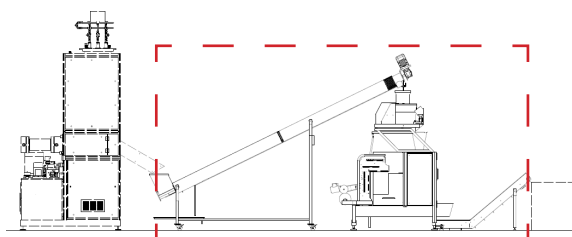
### ASCO PBM 1000

Automatic bagging machine for dry ice pellets in bags of 0.5 to 7.0 kg (1.1 to 15.4 lb)

Including auger elevator to connect to the dry ice pelletizer and discharge conveyor

Delivered with a set of spare parts and one roll of packaging film which is needed for installation

part no. 901483



Pos. 003

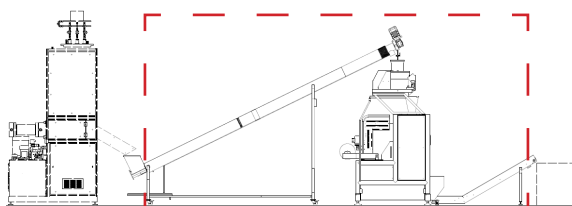
### ASCO PBM 1500

Automatic bagging machine for dry ice pellets in bags of 3.0 to 11.0 kg (6.6 to 24.2 lb)

Including auger elevator to connect to the dry ice pelletizer and discharge conveyor

Delivered with a set of spare parts and one roll of packaging film which is needed for installation

part no. 901484



## Automatic Pellets Bagging Machine PBM: Options

Pos. 001

### Rotary table Ø 1.2 m (11 in)

Low quantity buffering device complete with:

- Metallic support with three legs
- Rotating table
- Motor

part no. 4045179



Pos. 002

### Packaging film neutral for PBM 500 perforated

Width: 530 mm (21 in)

Strength: 80 µm

Length / roll: 500 rm (1'640 ft)

Weight: 20 kg (44 lb)

Core diameter: 77 mm (3 in)

part no. 4066962



## Automatic Pellets Bagging Machine PBM: Options

### Pos. 003

#### Packaging film neutral for PBM 1000 perforated

Width: 680 mm (27 in)  
Strength: 100 µm  
Length / roll: 500 m (1'640 ft)  
Weight: 32 kg (71 lb)  
Core diameter: 77 mm (3 in)

part no. 4066963



### Pos. 004

#### Packaging film neutral for PBM 1500 perforated

Width: 950 mm (37 in)  
Strength: 120 µm  
Length / roll: 400 m (1'312 ft)  
Weight: 43 kg (95 lb)  
Core diameter: 77 mm (3 in)

part no. 4066964



### Pos. 005

#### ASCO Dry Ice Container AT240W

Foam insulated polyethylene container for dry ice storage with wheels  
Cubic capacity: approx. 240 litres (8.5 ft³)  
Capacity with pellets: approx. 188 kg (414 lb)  
Average storage loss: 4.0 % per day  
Dimensions (L x W x H): 1'150 x 705 x 1'020 mm  
(45x 28 x 40 in)

part no. 4063652



### Pos. 006

#### ASCO Dry Ice Container AT440

Foam insulated polyethylene container for dry ice storage.  
Cubic capacity: approx. 440 litres (15.5 ft³)  
Capacity with pellets: approx. 344 kg (758 lb)  
Average storage loss: 4.1 % per day  
Dimensions (L x W x H): 1'175 x 800 x 990 mm  
(46 x 32 x 39 in)

part no. 4064262

