

Users of the Ice Blaster IB 15/80 are now able to cover their need of dry ice themselves. With the new Kärcher Pelletizers you will produce dry ice pellets now promptly and on site. The independence of an external supplier guarantees not only a higher flexibility in the daily working process, but also shorter immobilisation in the production and consequently a higher efficiency. The Kärcher Pelletizers do not only find professional use at users of the Ice Blaster IB 15/80 in foundries, print shops, plastics injection molding factories and many other industrial sectors, they also find use everywhere where particularly heat sensitive products need to be cooled with dry ice.

Standard accessories:

- Extruder plate: 3 mm

Order number: 1.574-111.0**Technical data**

Capacity (kg/h)	120
Voltage V	400
Frequency Hz	50
Number of current phases (Ph)	3
Connected load	4
CO ₂ inlet connection	1/2" BSP female
CO ₂ source	CO ₂ Storage Tank; Liquid phase: 13-21 bar
Dimensions (L x W x H) (mm)	1320x700x1430
Weight (with accessories) (kg)	-
Weight without access. (kg)	360
Dry ice form	1.7 mm, 3 mm, 16 mm
Housing / frame	Stainless steel
Length of cord access. (m)	-

Details

Description

The Kärcher Pelletizers have a very robust stainless steel frame. The control panel has been designed very clearly and is operated via one button. The Pelletizers offer a widespread electrical control of the systems status. For example are oil level, oil temperature, motor overloading etc. monitored and potential errors are indicated via control lamps. Further more the hydraulic oil pressure and the CO₂-pressure are displayed in manometers.

Installation:

A CO₂-tank is necessary for the operation of the Kärcher Pelletizer. This tank can be rent from a CO₂-supplier.

Advantages:

Due to the possibility of a freely choosable production moment of the dry ice pellets, the cleaning task is easier to integrate in the daily working process.

The fresher the dry ice pellets are at the moment of use, the more effective is their cleaning power. It is in the ideal case possible to halven the cleaning time with freshly produced dry ice in comparison to several day stocked dry ice. In the same time the dry ice consumption is considerably brought down. Self produced dry ice not only saves logistical and planning efforts but also reduces acquisition- and storage costs.

The pelletizers made by Kärcher do not only find professional use at users of the Ice Blaster IB 15/80 in foundries, print shops, plastics injection molding factories and many other industrial sectors, they also find use everywhere where particularly heat sensitive products need to be cooled with dry ice.

Way of working:

During the production process liquid carbon dioxide is streaming into the pressing cylinder of the pelletizer and is consolidated into dry ice snow due to the loss of pressure. This snow is then hardened from a hydraulic cylinder and is getting pressed through an extruder plate. The so generated cylindrical dry ice rods are then broken to pellets.

Optional accessories:

For the automated operation we offer intelligent add-on kits. With the optional available load sensing equipment you can program the Kärcher pelletizer on a defined production output. It starts the production of dry ice automatically and stops as soon as the set weight (dry ice volume) is reached. This add-on kit suits ideally for the automated operation of the Ice Blaster IB 15/80. Just place the Ice Blaster on the scale and let it fill continuously by the pelletizer.

Optionally Kärcher also offers a timer module. With this module you can program the pelletizer to a defined runtime. After this time has elapsed the pelletizer automatically switches off.

Pelletizers made by Kärcher will meet highest quality and safety expectations.

For improving security during work we recommend especially in badly aerated areas and halls the installation of a CO₂-detector and -sensor. They will be activated and alarm if the CO₂-concentration at this place has exceeded a critical value.

Application

Production of dry ice for:

- dry ice blasting
 - food industry, catering, fishing industry, ice industry, laboratories, vineyards for cooling
 - cooling of foods in aircrafts and on vessels
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Features & Benefits

- Hydraulic system, not electromechanic: due to that very high density of the dry ice pellets with minimal blowholes
 - One button operation: few training
 - Small installation work
 - Stainless steel design
 - Load sensing equipment or integrated timer for unsupervised operation / exact filling of dry ice
 - Widespread electrical control (oil level, temperature, engine, CO₂ supply pressure)
 - Just in time production of dry ice
 - Better and quicker cleaning results at lower costs due to fresh dry ice, in consequence shorter running time
 - Inferior dry ice consumption (up to 50%)
 - Higher flexibility
 - Reduced acquisition work
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Accessories

Mounting kits and other accessories

Box dry ice 35l

Order number 5.574-054.0



Dry ice box, 100kg

Robust box made of EPP (expanded polypropylen) for storage and for transportation of dry ice pellets. The box is extremely robust and has very good insulation properties. This ensures fresh dry ice all the time.

Order number 5.574-053.0



Pelletizer

Extruder plate 3 mm

High-quality extruder plate for making 3 mm dry ice pellets.

Order number 6.574-061.0



Extruder plate 1,7mm

This extruder plate produces dry ice pellets with a diameter of 1.7 mm.

Order number 6.574-200.0



CO₂ Detector with sensor

The CO₂ detector monitors the current CO₂ concentration in the air. This accessory kit includes a CO₂ detector and a CO₂ sensor. CO₂ gas is heavier than air! That's why the CO₂ sensor has to be installed at the lowest room near the ground.

Order number 6.574-105.0



Pelletizer**Weighing Platform 800x600**

For the automated operation we offer intelligent add-on kits. With the optional available weighing platform you can program the Kärcher pelletizer on a defined production output. It starts the production of dry ice automatically and stops as soon as the set weight (dry ice volume) is reached. This add-on kit suits ideally for the automated operation of the Ice Blaster IB 15/80. Just place the Ice Blaster on the scale and let it fill continuously by the pelletizer.

**Order number 6.574-179.0**

Weighing Platform 1000x1000

For the automated operation we offer intelligent add-on kits. With the optional available weighing platform you can program the Kärcher pelletizer on a defined production output. It starts the production of dry ice automatically and stops as soon as the set weight (dry ice volume) is reached. This add-on kit suits ideally for the automated operation of the Ice Blaster IB 15/80. Just place the Ice Blaster on the scale and let it fill continuously by the pelletizer.

**Order number 6.574-180.0**

Timer Module

Production Control System for an automatic filling system. With the Timer Module it is possible to program the Pelletizer to run a certain time. If the time is elapsed the Pelletizer stops the dry ice production automatically.

Order number 6.574-181.0

Extruder plate 16 mm - IP 120

High-quality extruder plate for making 16 mm dry ice nuggets.

Order number 6.574-060.0