

CIP-5 Series Dry Ice Pelletisers & containers



CIP-5 pelletisers: efficient dry ice production

Dry ice is the solid form of CO₂ and has a temperature of -78°C. At atmospheric pressure it evaporates to CO₂ gas. Dry ice can be used for a lot of applications in different industries: dry ice cleaning, catering industry, cooled transport, transport of medical goods, declamping of metal parts, smoke generation for show effect, carbonic maceration, process cooling, fire extinguisher,...

The CIP-5 Series pelletisers offer a versatile and economical solution for producing up to 300kg of high density dry ice per hour. The CIP-5 Series can be delivered with different extrusion dies. The pelletisers can produce:

- 2 and 3 mm dry ice pellets for dry ice cleaning
- 10 and 16 mm dry ice sticks for cooling and other applications

Switching from pellets/sticks can be done in a few minutes.

The CIP-5 Series pelletisers are hydraulic pelletisers with a silent motor. They have interesting features such as an ergonomic touchscreen control panel, logging of production parameters, hour counter, displayed machine status, warnings, alarms, buzzer,... The machines also have inputs for a CO₂ detector.

Dry ice containers: flexible dry ice storage

For long term storage of dry ice, we offer 4 containers: the CIC 500, CIC 300, CIC 150 and CIC 85. These containers are well isolated though lightweight and have a content of 500, 300, 150 and 85 litre.



dry ice production



touchscreen control panel



dry ice pellets 3 mm dry ice sticks 10 mm



The Cool Way
Of Cleaning

CRYONOMIC
DRY ICE CLEANING SOLUTIONS

CIP-5 Pelletiser

Technical information

	CIP-5XS	CIP-5S	CIP-5M	CIP-5L
Production capacity (1)	Up to 35 kg/h	Up to 80 kg/h	Up to 160 kg/h	Up to 300 kg/h
Pellet diameter	2mm, 3 mm, 10mm, 16mm			
Dimensions excl. outlet in mm (L x W x H)	780 x 310 x 1.000	1.000 x 705 x 1.035	1.380 x 710 x 1.785	1.600 x 830 x 1.805
Weight (excl. hydraulic oil)	115 kg	310 kg	530 kg	800 kg
Oil content (l)	8	36	54	90
Power consumption	2 kW	3 kW	7,5 kW	9 kW
Power supply	230V/ 50Hz	400V/ 50Hz/ 3Ph+E		
Supply liquid CO2	Liquid CO2 moisture: 65 ppm and completely oil free			
Pressure	16 - 21 bar			
Inlet connection liquid CO2	1/2" BSP	1/2" BSP	1/2" BSP	3/4" BSP
Outlet gas CO2	1" BSP	2" BSP		

(1) The production capacity depends on pellet diameter, gas tank pressure and status, liquid CO2 temperature, atmospheric conditions and user settings.

Containers

Technical information

	CIC 85	CIC 150	CIC 300	CIC 500
Outer dimensions on pallet (L x W x H) in mm	800 x 480 x 550	800 x 600 x 930	1.000 x 800 x 930	1.200 x 1.000 x 930
Inner dimensions (L x W x H) in mm	610 x 340 x 410	605 x 405 x 610	805 x 605 x 610	1.005 x 805 x 610
Storage capacity	85 litre	150 litre	300 litre	500 litre
Storage capacity for 3 mm pellets	± 68 kg	± 120 kg	± 240 kg	± 400 kg
Empty weight	20 kg	55 kg	80 kg	100 kg
Wall thickness / isolation material	70 mm polyurethane	97,5 mm polyurethane	97,5 mm polyurethane	97,5 mm polyurethane
Pallet or wheels	wheels on separate trolley	pallet or wheels	pallet or wheels	pallet



CIC 85

CIC 150

CIC 300

CIC 500

We reserve the right to modify all or part of the above specifications without prior notice.

CRYONOMIC® has a worldwide network.
Contact your dealer for any information:

Printed in Belgium / CRY-CIP5-EN-1609

CRYONOMIC®
DRY ICE CLEANING SOLUTIONS

CRYONOMIC
Kleimoer 3 - B-9030 Gent - Belgium
Tel: +32 9 216 76 90 - Fax: +32 9 216 76 91
info@cryonomic.com
www.cryonomic.com

CRYONOMIC® is a registered trademark of ARTIMPEX N.V.