

Pelletisers & Containers



CIP 4 Pelletisers, flexible dry ice production

The CIP 4 pelletiser series offers a versatile and economical solution for producing your own dry ice. The CIP 4 is a hydraulic operated pelletiser and is delivered as standard with a 3 mm extrusion die for cleaning purposes.

For other purposes, it can be switched to produce 2, 10, 16 or 19 mm pellets in a matter of minutes to suit your needs:

- 2 mm and 3 mm dry ice pellets can be used for cleaning applications
- 10 mm, 16 mm and 19 mm dry ice sticks are perfect for cooling applications.

We can offer you 4 different types of the CIP 4. Each one is designed to meet your specific production requirements. The CIP 4L ¹ produces 3 mm pellets at 225 kg/h, the CIP 4M ³ at 125 kg/h, the CIP 4S at 55 kg/h and the CIP 4XS at 25 kg/h.

Dry ice containers, flexible dry ice storage

For long term storage, we offer 4 containers:

- The CIC 500 ², CIC 300, CIC 150 and CIC 85 containers are well isolated though light weight containers with available contents of 500, 300, 150 and 85 litre respectively.

For short term storage, we offer 2 solutions:

- The CFC 260 is a foldable container, useful in combination with pellet bags (260 litre).
- The CIC 30 is a portable polystyrene box (27 litre).



CIP 4L ¹



CIP 4M ³

Applications of dry ice pellets:

Cleaning with pellets, cooled transport, catering industry, organ transport, de-clamping of metal parts, carbonic maceration, cloud making, ...

Discover more details on the reverse side!



dry ice pellets

dry ice sticks



The Cool Way
Of Cleaning

CRYONOMIC
DRY ICE CLEANING SOLUTIONS

Pelletisers & Containers

Technical information

CIP 4 Pelletisers

	CIP 4L	CIP 4M	CIP 4S	CIP 4XS
Production capacity ⁽¹⁾				
3 mm pellets	up to 225 kg/h	up to 125 kg/h	up to 55 kg/h	up to 25 kg/h
Other pellet diameters	10 mm, 16 mm	1,7 mm, 6 mm, 10 mm, 16 mm	6 mm, 10 mm, 16 mm	19 mm
Dimensions (L x W x H)	1.560 x 800 x 1.460 mm	1.320 x 700 x 1.440 mm	1.150 x 600 x 710 mm	1.100 x 360 x 540 mm
Weight (incl. hydraulic oil)	540 kg	360 kg	147 kg	80 kg
Power consumption	5,6 kW	4 kW	1,6 kW	1,1 kW
Power supply	400V/50Hz/3Ph+E	400V/50Hz/3Ph+E	400V/50Hz/3Ph+E	400V/50Hz/3Ph+E
Supply liquid CO ₂ ⁽²⁾				
pressure	15 - 20 bar	13 - 21 bar	13 - 22 bar	15 - 20 bar
hose connections liquid CO ₂	3/4" BSP	3/4" BSP	3/4" BSP	3/4" BSP
CO ₂ gas exhaust:	2" BSP	3/4" BSP	3/4" BSP	1" BSP
Pellet outlet: height	at 1.310 mm	at 1.074 mm	at 410 or 1.010 mm	table top model

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

⁽²⁾ Liquid CO₂ moisture content: 65 ppm and completely oil free

Containers

Technical information

	CIC 500	CIC 300	CIC 150
Outer dimensions (L x W x H)	1.200 mm x 1.000 mm x 940 mm	1.000 mm x 800 mm x 940 mm	800 mm x 600 mm x 940 mm
Inner dimensions (L x W x H)	1.010 mm x 810 mm x 610 mm	810 mm x 610 mm x 610 mm	605 mm x 405 mm x 600 mm
Storage capacity	500 litre	300 litre	150 litre
Empty weight	100 kg	80 kg	55 kg
Storage capacity for 3 mm pellets	± 420 kg	± 250 kg	± 125 kg
Wall thickness / isolation material	85 mm polyurethane	85 mm polyurethane	85 mm polyurethane
Pallet or wheels	pallet	pallet or wheels	pallet or wheels

	CIC 85	CFC 260	CIC 30
Outer dimensions (L x W x H)	800 mm x 480 mm x 550 mm	800 mm x 600 mm x 813 mm	375 mm x 375 mm x 375 mm
Inner dimensions (L x W x H)	610 mm x 340 mm x 410 mm	740 mm x 540 mm x 660 mm	300 mm x 300 mm x 300 mm
Storage capacity	85 litre	260 litre	27 litre
Empty weight	18,5 kg	20 kg	0,4 kg
Storage capacity for 3 mm pellets	70 kg	± 220 kg	22 kg
Wall thickness / isolation material	70 mm polyurethane	25 mm air	35 mm polystyrene
Pallet or wheels	wheels on separate trolley	pallet	



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-CIP4-EN-0707

CRYONOMIC®
DRY ICE CLEANING SOLUTIONS

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