

The age of the slice is here.

THE R SERIES



PRODUCT BOOK



THE **R** SERIES

HIGH DENSITY DRY ICE SLICES

Built on the foundation of Cold Jet's previous proprietary systems, the R-Series pellet-to-slice reformers offer versatile dry ice production. These machines transform dry ice pellets into high-quality slices or mini-blocks, ranging from 0.55 lbs (0.25 kg) to 16 lbs (7.25 kg).

Ideal for dry ice pellet businesses looking to expand their offerings, the R-Series is a perfect solution.

Dry ice slices are particularly useful for:

- Airline catering
- International and regional food transportation
- Food home delivery
- ...and many other applications.



A polar bear is shown from the chest up, looking upwards with its mouth slightly open. The background is a dark, starry sky with vibrant green and blue aurora borealis. A bright, glowing light source is visible in the upper center, creating a lens flare effect. The overall mood is serene and majestic.

THE **R** SERIES

WHICH MACHINE IS BEST FOR YOU?

Our **R** series offers three machines
according to your unique needs.



R500H

DRY ICE PELLET REFORMER

TECHNICAL SPECS

MACHINE DIMENSIONS

Length x Width x Height:
77 in x 59 in x 80 in
(1956 mm x 1500 mm x 2032 mm)

Weight: 4630 lb (2100 kg)

POWER REQUIREMENTS

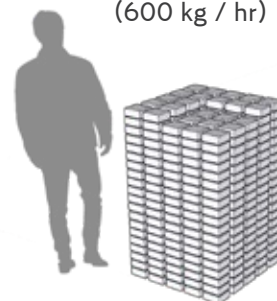
3 x 480V AC / 60 Hz
(3 x 400V AC / 50 Hz)
I_{max}: 63A

RATED POWER

20.0 kW / 26.8 Hp @ 480V AC
(17,3 kW / 22,8 Hp @ 400V AC)

RATED OUTPUT

Up to 1,322 lbs / hr
(600 kg / hr)





R1000H

DRY ICE PELLET REFORMER



TECHNICAL SPECS

MACHINE DIMENSIONS

Length x Width x Height:
77 in x 59 in x 80 in
(1956 mm x 1500 mm x 2032 mm)

Weight: 5610 lb (2545 kg)

POWER REQUIREMENTS

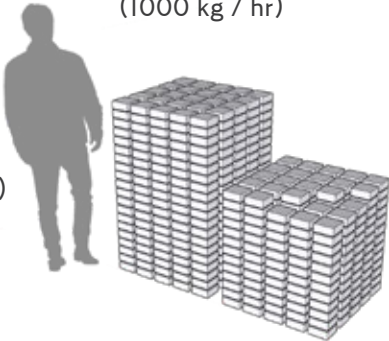
3 x 480V AC / 60 Hz
(3 x 400V AC / 50 Hz)
I_{max}: 63A

RATED POWER

20.0 kW / 26.8 Hp @ 480V AC
(17,3 kW / 22,8 Hp @ 400V AC)

RATED OUTPUT

Up to 2,204 lbs / hr
(1000 kg / hr)





R2000H

DRY ICE PELLET REFORMER

TECHNICAL SPECS

MACHINE DIMENSIONS

Length x Width x Height:
89 in x 65 in x 94 in
(2258 mm x 1658 mm x 2400 mm)

Weight: 8819 lb (4000 kg)

POWER REQUIREMENTS

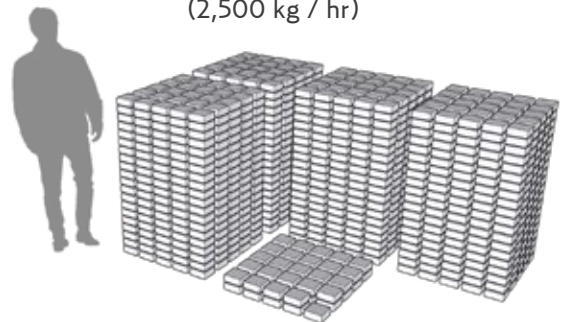
480 Y/277 VAC + GND
solidly grounded
WYE source

3-phase 60 Hz

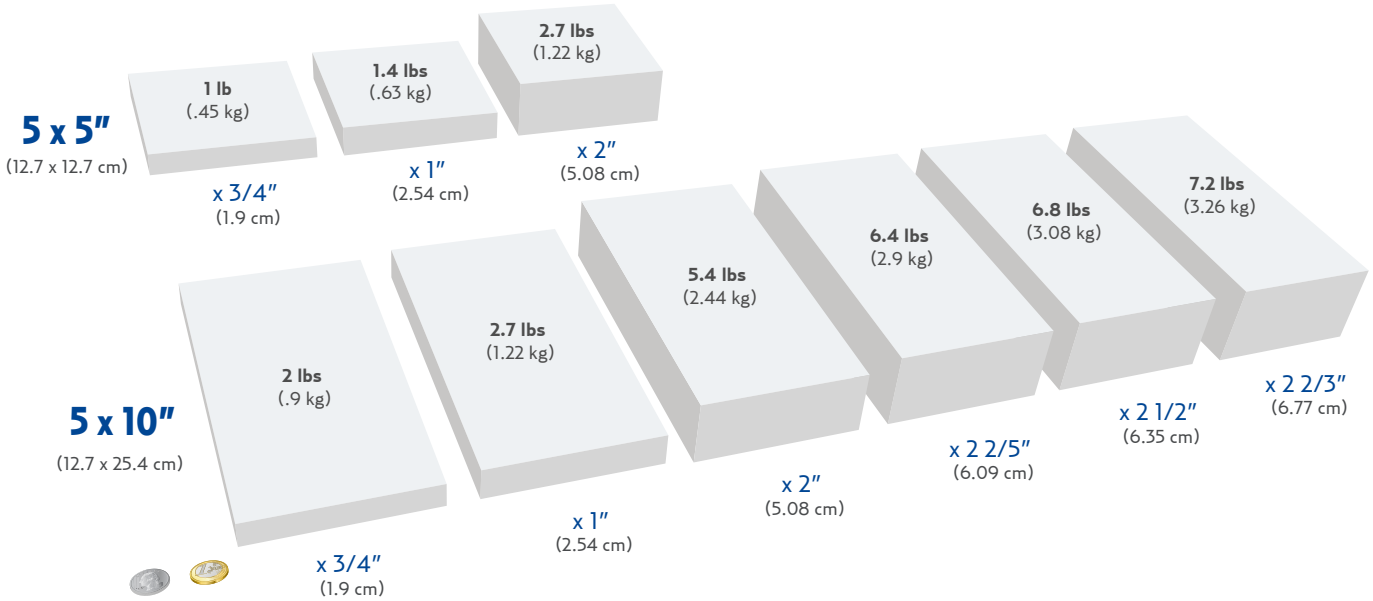
I_{max}: 75A

RATED OUTPUT

Up to 5,511 lbs / hr
(2,500 kg / hr)



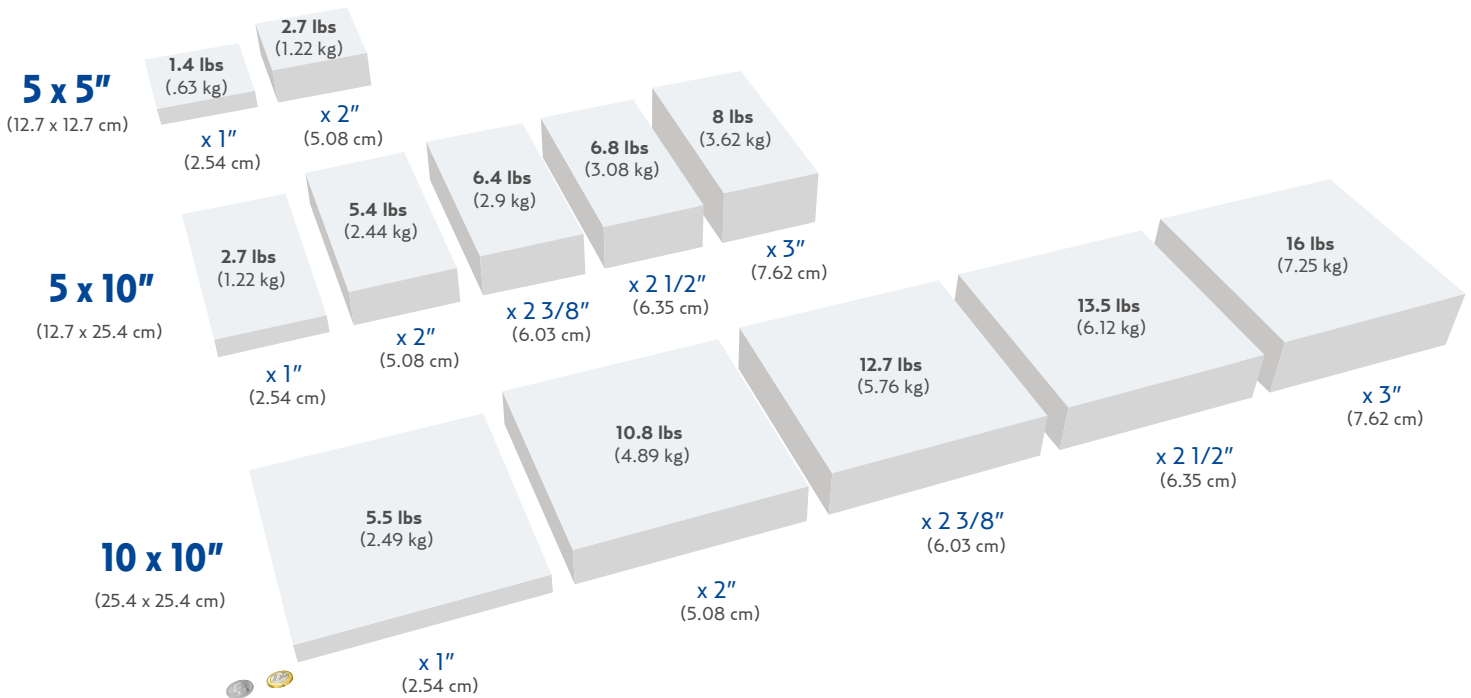
- Digital slice thickness control.
- Quick Change Press Head adjusts slice format in less than 15 minutes.
- Recipe program enables user to set predefined slice formats.



OTHER AVAILABLE SIZES:

	8" x 5" (210 x 125 mm)	6" x 6" (150 x 150 mm)	5" x 4" (125 x 105 mm)	5.4" x 2.4" (138 x 60 mm)
0.7" (19 mm)	1.7 lbs (0.8 kg)	1.4 lbs (0.7 kg)	0.8 lbs (0.4 kg)	0.5 lbs (0.2 kg)
1" (25 mm)	2.2 lbs (1 kg)	1.9 lbs (0.9 kg)	1.1 lbs (0.5 kg)	0.7 lbs (0.3 kg)
2" (50 mm)	4.4 lbs (2 kg)	3.8 lbs (1.7 kg)	2.2 lbs (1.0 kg)	1.4 lbs (0.6 kg)
2.4" (60 mm)	5.3 lbs (2.4 kg)	4.6 lbs (2.1 kg)	2.7 lbs (1.2 kg)	1.7 lbs (0.8 kg)
2.8" (70 mm)	6.2 lbs (2.8 kg)	5.3 lbs (2.4 kg)	X	2 lbs (0.9 kg)
3.1" (80mm)	7.1 lbs (3.2 kg)	6.1 lbs (2.8 kg)	X	X
3.5" (90 mm)	X	6.9 lbs (3.1 kg)	X	X

INTRODUCING 10" X 10" SLICE FORMAT



THE R-SERIES SLICE LINE

How does the R-Series Reformer fit into your dry ice production process?



Your high-density pellets, created by your pelletizers, are transported via a Z-Conveyor and fed into the top of your reformer.

The Cold Jet reformer then compresses these pellets into the densest dry ice slices available, ensuring your or your client's cold chain remains stable and sustainable.



AUTOMATICALLY PACK AND LABEL DRY ICE SLICES WITH A FLOWPACKER

Upgrade your R-Series reformer with a flowpacker to automate the packaging of your high-density dry ice slices. Enhance your brand visibility and add a personal touch to your eco-friendly ice products by incorporating your branding directly onto the packaging.

Our integrated solution, combining an infeed conveyor, flowpacker, and rotary table, transforms dry ice slice production into a fully automated and ergonomic process.



GO BEYOND EFFICIENCY

HARNESS THE POWER OF DRY ICE PRODUCTION
COMBINED WITH COLD JET'S CO₂ RECOVERY
SYSTEMS FOR MAXIMUM SAVINGS



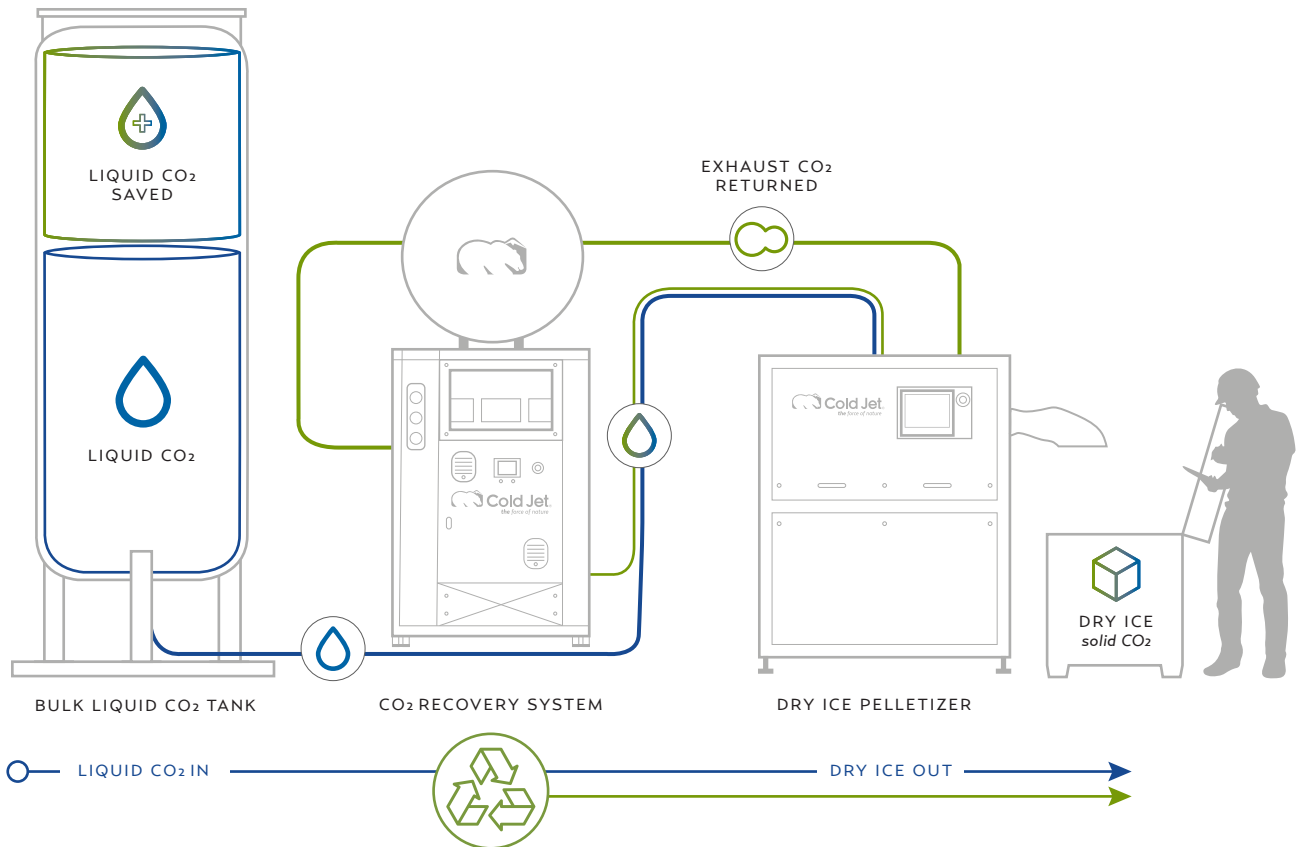
We saw an immediate effect on our CO₂ ratio from 2.4:1 now to 1.35:1. Profit, production capability, and overall company performance is greatly improved.



Richard Nimmons | Carbon Capture Scotland

DRASTICALLY IMPROVE CONVERSION OF LIQUID CO₂-TO-DRY ICE

Reduce your dry ice production costs by up to 40%
by recycling exhaust CO₂ gas back into your dry ice pelletizer!





Global Headquarters
Loveland, Ohio, USA

European Headquarters
Zellik, Belgium

Asia-Pacific Headquarters
Tokyo, Japan

