

KEY BENEFITS

Operational & Maintenance

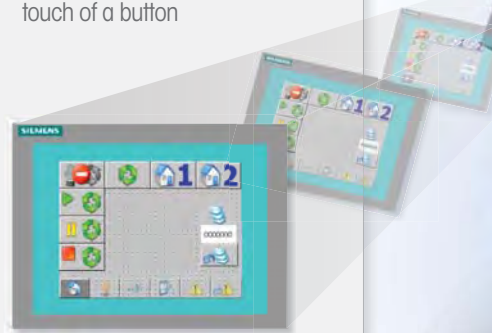
- Best output to footprint ratio
- 24/7 production capable
- Easily integrated with a pelletizer
- Minimal energy consumption

SureFlow System

- Uses pellets or nuggets
- Superior slice quality with <2% breakage
- Weighing within +/- 50g of specification

Quick Change Press Heads

- Change dimension of press in <10 minutes
- Vary slice weights at the touch of a button



HMI Touch Screen

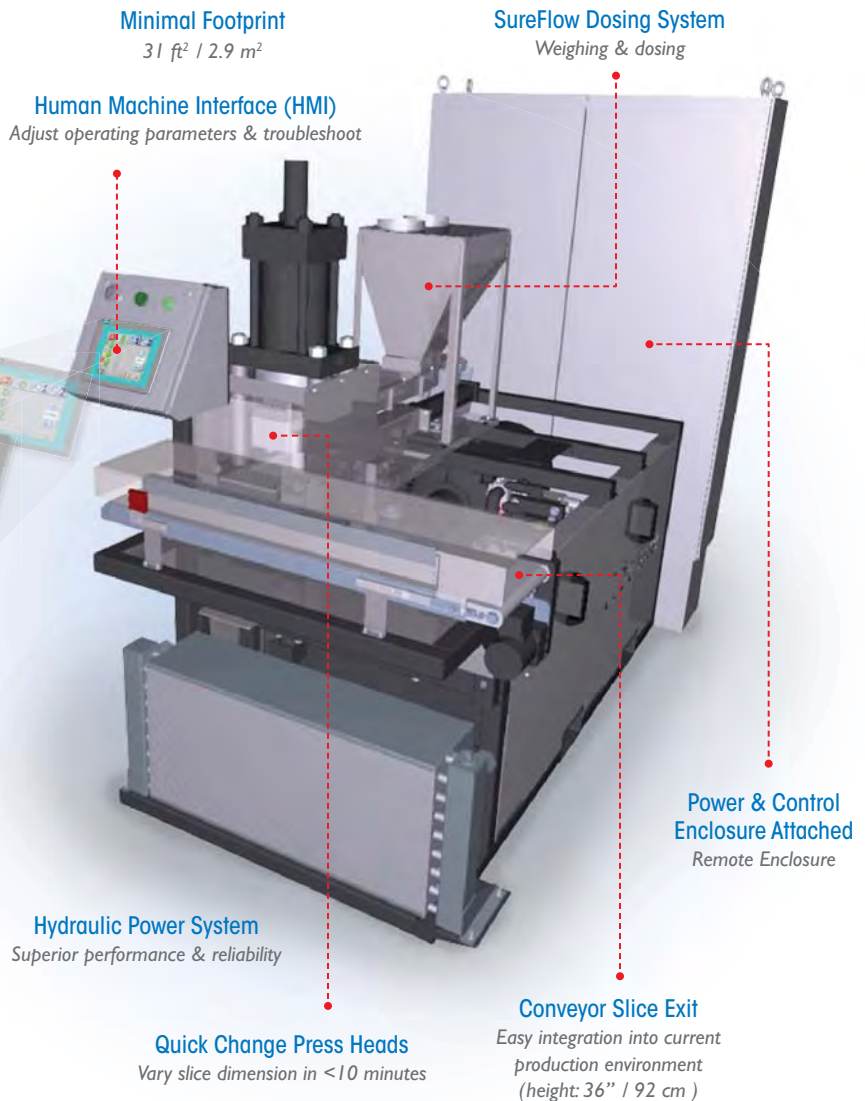
- Full diagnostic capability
- Vary slice thickness (3/4" up to 2" or 18 up to 50 mm)
- Tune critical parameters (i.e. pressure & cycle time)
- Remote diagnostics ready (i.e. Siemens S7 PLC with PROFIBUS communication)

R1500 Reformer: Dry Ice Pellet-to-Slice

Superior slice production in a minimal footprint

Reforming pellets into slices reduces dry ice consumable cost and is safer for the operator compared to traditional block cutting processes. The pellet-to-slice reforming process eliminates hazards from cutting block and reduces CO₂ sublimation loss by ~80% – producing less CO₂ "smoke."

Cold Jet's R1500 Pellet-to-Slice Reformer is fully automated, with flexibility to reform 0.12" to 0.6" (3 mm to 16 mm) dry ice pellets or nuggets into 5" x 8" x 3/4" (125 x 210 x 25 mm) slices. Combine with the P1500 Pelletizer to produce and reform on demand up to 475 slices an hour of high density pellets or nuggets into slices.



DIMENSIONS	WEIGHT	POWER	HYDRAULICS	NOISE
48" x 93" x 76" (122 x 236 x 193 cm)	4,000 lbs (1,800 kg)	380/415 or 460/480 VAC 3-phase 50/60Hz	15 kW motor pump 26 gallons/min (100 L / min)	Under 80 dBA (at 6.5 feet / 2 meters)

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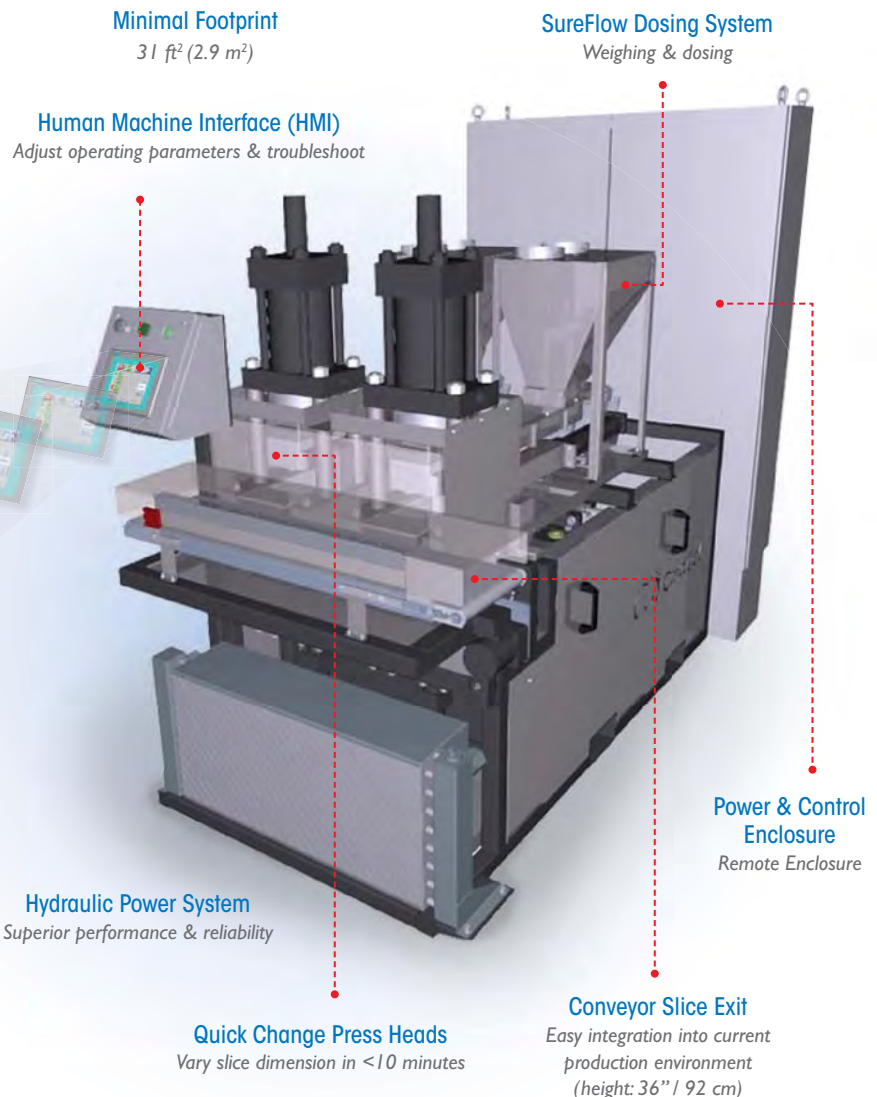
- Full diagnostic capability
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- Tune critical parameters (i.e. pressure & cycle time)
- Remote diagnostics ready (i.e. Siemens S7 PLC with PROFIBUS communication)

R3000 Reformer: Dry Ice Pellet-to-Slice

Superior slice production in a minimal footprint

Reforming pellets into slices reduces dry ice consumable cost and is safer for the operator compared to traditional block cutting processes. The pellet-to-slice reforming process eliminates hazards from cutting block and reduces CO₂ sublimation loss by ~80% – producing less CO₂ "smoke."

Cold Jet's R3000 Pellet-to-Slice Reformer is fully automated, with flexibility to reform 0.12" to 0.6" (3 mm to 16 mm) dry ice pellets or nuggets into 5" x 8" x 3/4" (125 x 210 x 25 mm) slices. Combine with the P3000 Pelletizer to produce and reform on demand up to 950 slices an hour of high density pellets or nuggets into slices.



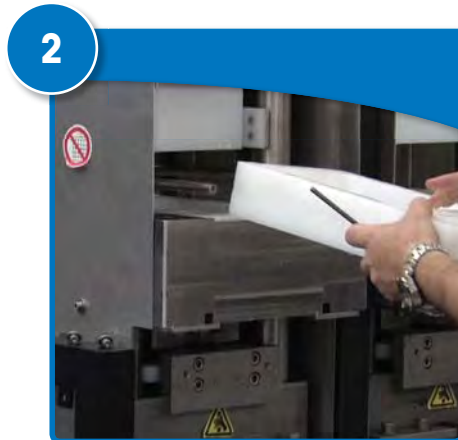
DIMENSIONS	WEIGHT	POWER	HYDRAULICS	NOISE
48" x 93" x 76" (122 x 236 x 193 cm)	4,500 lbs (2,040 kg)	380/415 or 460/480 VAC 3-phase 50/60Hz	15 kW motor pump 26 gallons/min (100 L / min)	Under 80 dBA (at 6.5 feet / 2 meters)

Proprietary User-Friendly Design

Vary slice dimensions in under 10 minutes

Simple Assembly / Disassembly of Press Heads

1. Tapered Pins
2. Dry Ice Dosing Shuttle
3. Press Piston Assembly
4. Press Piston Guide
5. Press Head Front Block
6. Ejection Piston Spacer
7. Press with Ejection Piston Assembly





ICEPRESS

Consistent quality block dry ice, whenever, wherever.



必要な時に製造するブロックドライアイス

i³ ICEPRESSはブロックドライアイスを簡単に製造できるユニークな装置です。僅か3分間で **i³ MICROCLEAN** 用のブロックドライアイスを作り上げます。原料はドライアイスのペレット、ナゲット、屑ドライアイスです。



見やすいコントロールパネル
操作が簡単

ステンレス構造
耐久性の向上

大きなタイヤ

ICEPRESS 特徴

- マイクロリン用のドライアイスの製造
- ペレット、ナゲット、屑ドライアイスの使用
- 小型コンプレッサーでも製造可能
- 頑丈な設計
- メンテナンスが容易
- 電源不要
- 1.7MPa までの圧が使用可能
- 時間当たり 20ブロックの生産能力



シービングプラスチック洗浄機



マイクロリンまたは SDI-5プラスチックシステムに製造したブロックは使用できます。

本体寸法	重量	ブロック重量	供給圧力	ブロックサイズ	製造能力
540×650×1090mm	98kg	6kg	0.5 ~ 1.7MPa	146×146×254mm	20ブロック/hr

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