

FRESER

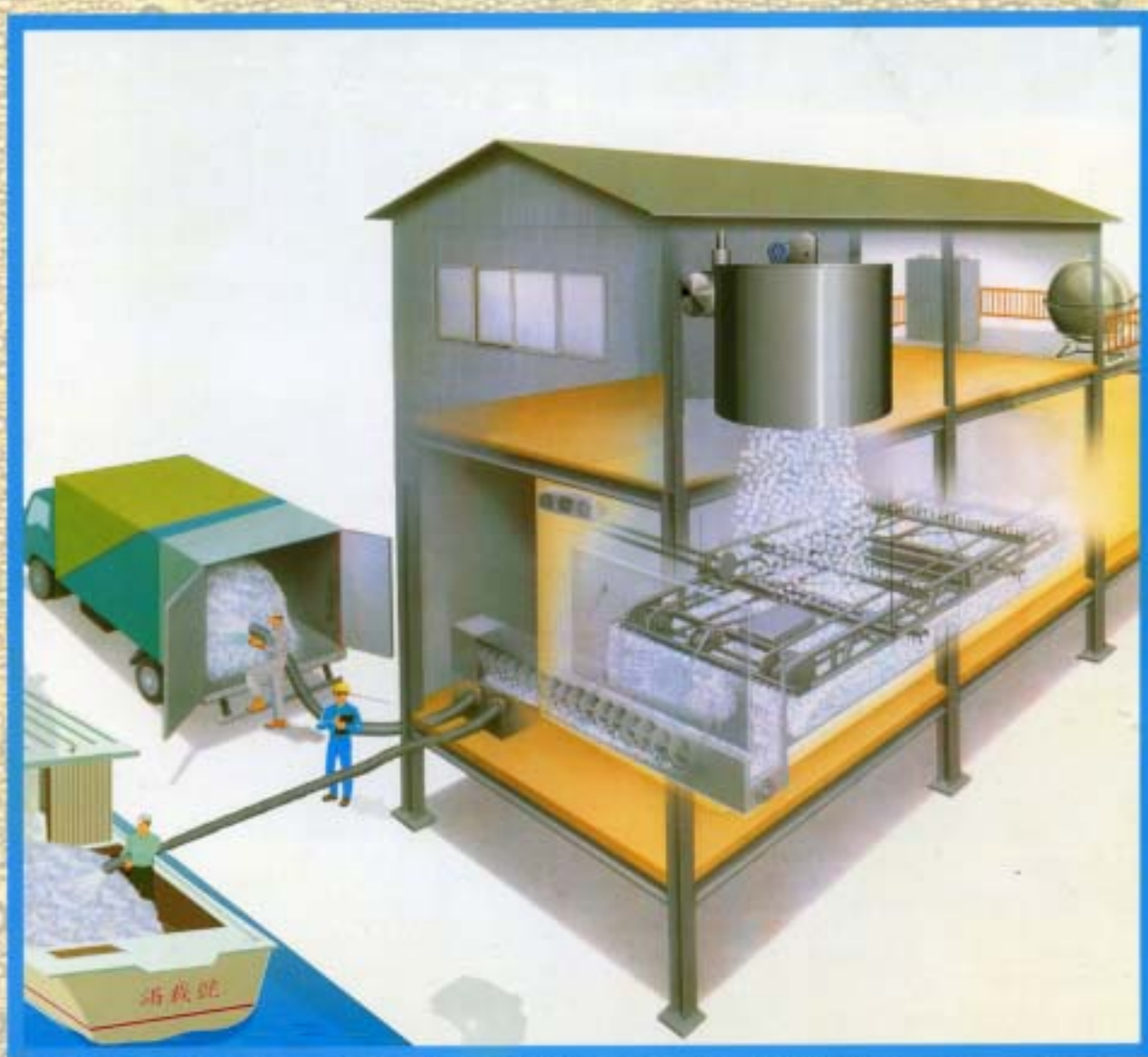
SPECIALIZED MANUFACTURER OF FOOD FREEZING MACHINERIES

連續式碎冰製造機

CONTINUOUS TYPE

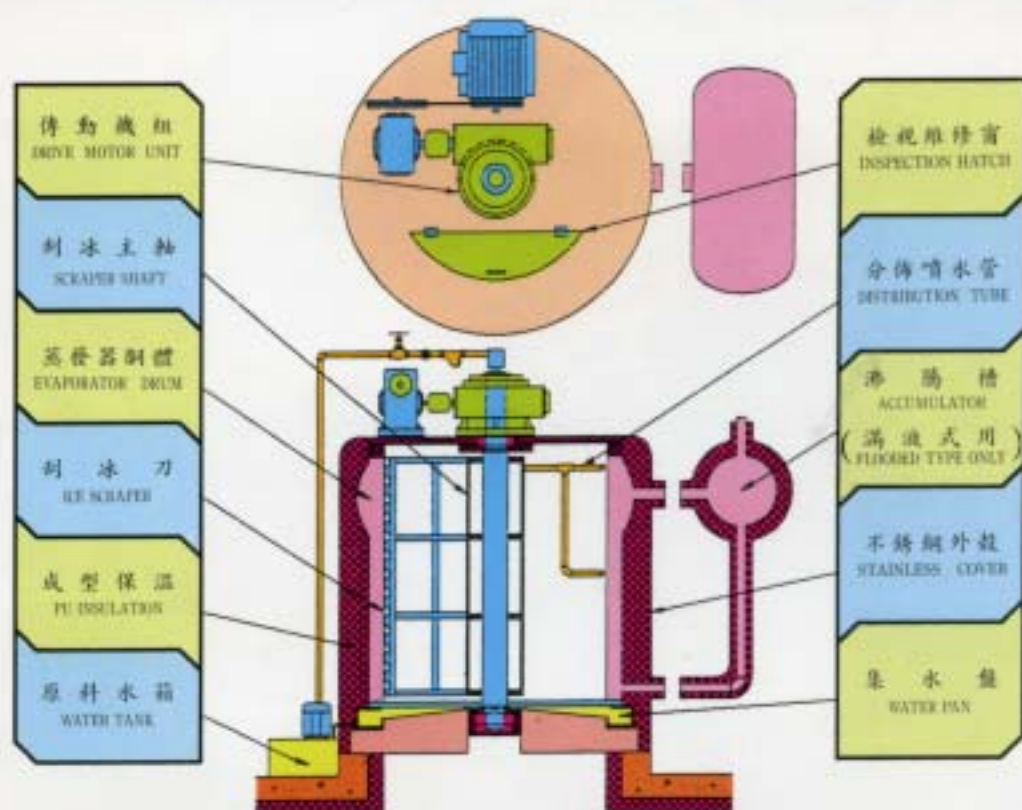
FLAKE ICE MAKING PLANT

製冰 → 儲冰 → 定量 → 輸送
ICE MAKING → STORAGE → PORTIONING → DELIVERY



先日光冷凍工業股份有限公司

O.S. FRESER INTERNATIONAL CORPORATION



設備特點

- **功能完備運轉全自動化：**操作簡單、使用時開關一按即可。配備齊全的冷凍系統完全自動化，提供精確地監視系統中各項負載、壓力及運轉變化情形，且提供需要的設定、控制及異常警報等保護裝置（可設定僅供離峯時間運轉生產）。
- **設備價廉且經濟效益高：**連續生產不需間斷、不需除霜，比任何型式的製冰設備成本都低、機器磨損與消耗最少、產能最多、衛生好、品質高。
- **特殊結構設計品質優越：**使用耐張力鋼材製成後，缸壁經研磨及高硬磨處理，堅固耐用。且配合特殊設計之弧型刮刀，使落冰完全，脫冰輕力省電。外殼採用不銹鋼板與PU保冷材料，整個鋼身一次灌注而成，隔熱保冷效果特佳，設備結構，易於安裝、分解、維護。
- **鱗片型狀保鮮效果特佳：**製造之碎冰，無尖銳之菱角，覆蓋時不會碰損肉品、果菜、鮮魚等之表面，因碎冰之型狀，薄密而乾冷，對物品接觸面廣，保鮮效果特佳。
- **廣泛地應用於各種環境：**適用於船舶中、陸地上及有水源之海水與淡水環境。
 - 食品生產加工過程預冷：生鮮水產、畜牧肉品、蔬菜果實、奶品之成熟桶及麵粉製品等。
 - 產業設備間冷卻：混凝土攪拌、漂染、板式熱交換器等。
 - 儲冷工程：廠房、商業、住宅等空調裝置。

FEATURES

- **Full-Function and Automation :** One-touch start simple operation, auto-control refrigeration system equipped with monitoring device for load and pressure conditions; also providing setting and control, alarm and protection required, or producing ice in off time.
- **Economic and High Efficiency :** Continuous ice production without defrosting; has the advantages of low investment cost, high production capacity and energy saving when compare with other ice making methods.
- **Superior Design and Quality :** Polished and hard chromium treated inner wall cope with precisely made scraping blades cause ice drop easily and completely. Stainless steel shell and foam-in place PU insulation, easy to install and maintain.
- **Fast Cooling Effect :** Flake ice has no sharp edge, will not damage skin when covering on. Thin flat, dry and cold flake ice can fully contact over products, renders best fresh keeping effect.
- **Variety of Applications :** Can be used on land or on vessel, with fresh water or sea water, for:
 - Precooling of food processing and production for fish, meat, vegetable and fruits, milk aging, flour etc.
 - Industrial cooling for concrete mixing, dye production, plate heat exchanger, electroplate etc.
 - Ice bank for building's air-conditioning system.



FRESER

型號規格

SPECIFICATION

● 碎冰機組 ICE FLAKER:

機 型 MODEL	FIM-20	FIM-50	FIM-75	FIM-100	FIM-150	FIM-200
製 冰 能 力 PRODUCTION CAPACITY (TON/24hr)	2	5	7.5	10	15	20
驅 動 馬 力 HORSE POWER OF MOTOR	0.37Kw	0.75Kw	1.5Kw	1.5Kw	1.5Kw	2.0Kw
	0.12Kw	0.18Kw	0.18Kw	0.18Kw	0.25Kw	0.25Kw
冷 媒 配 管 徑 REFRIGERANT PIPE CONNECTION SIZE	15A	15A	15A	20A	20A	25A
	40A	50A	50A	80A	80A	80A
製 冰 水 配 管 徑 WATER PIPE CONNECTION SIZE	15A	20A	20A	25A	25A	25A
適 用 冷 媒 APPLICABLE REFRIGERANT	R-717 (氨 AMMONIA), R-22 or E. G. (乙二酳不凍劑)					
外 型 尺 寸 DIMENSIONS (LxWxD) (cm)	135x100x120	135x115x120	135x115x150	180x150x160	195x165x170	195x165x200
機 組 重 量 WEIGHT (kg)	500	720	900	1500	2500	3500
貯 冰 庫 (選 擇 性 設 備 LxWxD) ICE STORAGE (OPTIONAL) METER	2.7x2.7x2.2	2.7x2.7x2.2	2.7x3.6x2.2	3.6x3.6x2.2	4.5x3.6x2.6	4.5x5.4x2.7

淡水用 FRESH WATER APPLICATION

海水用 SEA WATER APPLICATION

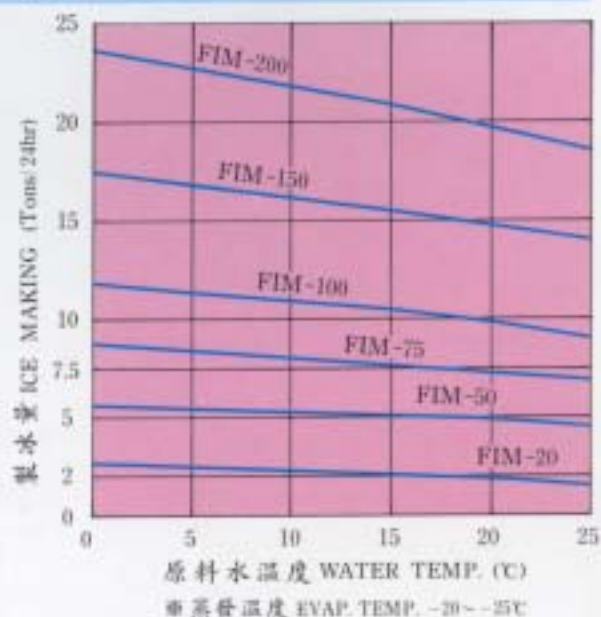
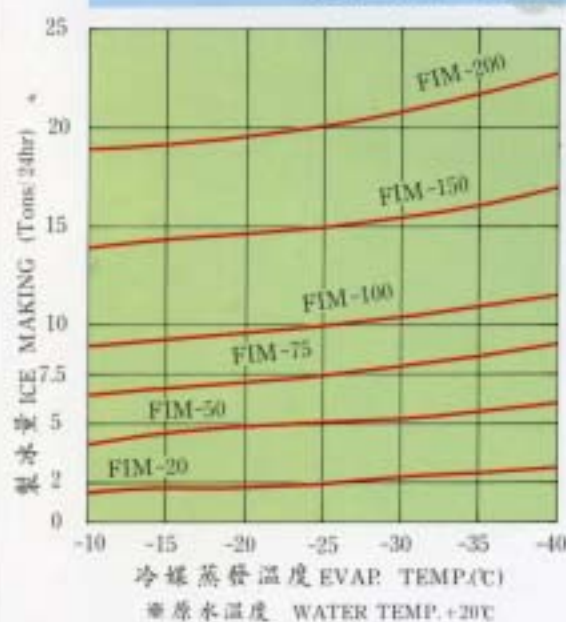
冷 凍 能 力 REFRIGERATION CAPACITY (Kcal/hr)	9,000	23,000	34,000	45,000	66,000	90,000
	8,500	21,000	30,000	40,000	60,000	80,000
壓 縮 機 馬 達 COMPRESSOR MOTOR (Kw)	5.5	15	22	30	45	60
	11	22	30	45	75	93
能 力 條 件 基 準 CONDITIONS OF ABOVE CAPACITY	淡水溫度 +20°C FRESH WATER TEMP. +20°C ET. -20°C ~ -25°C		蒸發溫度 -20°C ~ -25°C SEA WATER TEMP. +20°C ET. -30°C ~ -35°C		蒸發溫度 -30°C ~ -35°C SEA WATER TEMP. +20°C ET. -30°C ~ -35°C	

● 為應產品改良所需，能力規格之改變，恕不另行通知。

ABOVE SPECIFICATION IS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

製冰能力曲線圖

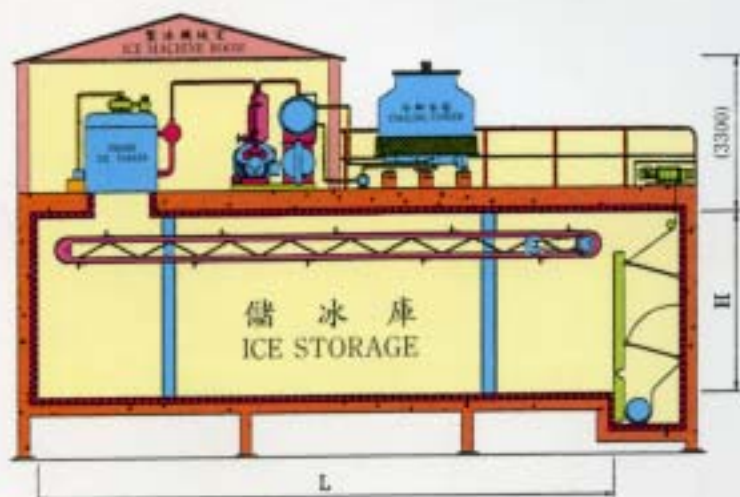
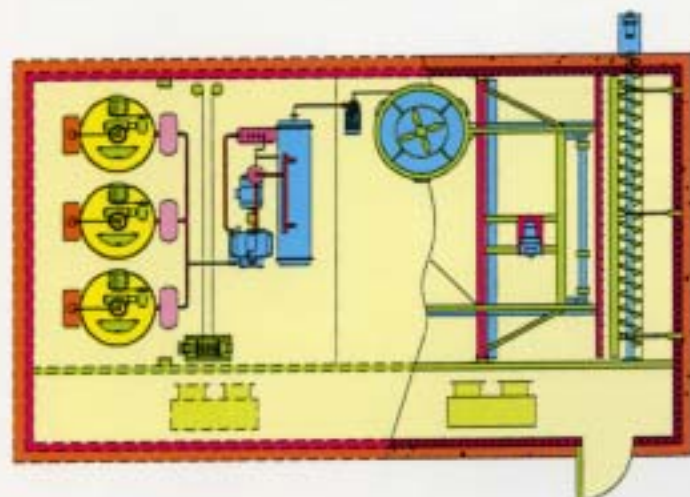
ICE MAKING CAPACITY CURVES





FRESER

自動輸冰儲藏庫 AUTO-CONVEYING ICE STORAGE



自動輸冰儲藏庫規格：
AUTO-CONVEYING ICE STORAGE:

型 式 MODEL	L cm	W cm	H cm	儲 藏 量 Tons
IRS-5	180	180	400	5
IRS-10	270	270	400	10
IRS-15	360	270	400	15
IRS-20	360	360	400	20
IRS-30	450	450	400	30
IRS-40	600	450	400	40
IRS-80	1200	450	400	80
IRS-150	1500	610	400	150

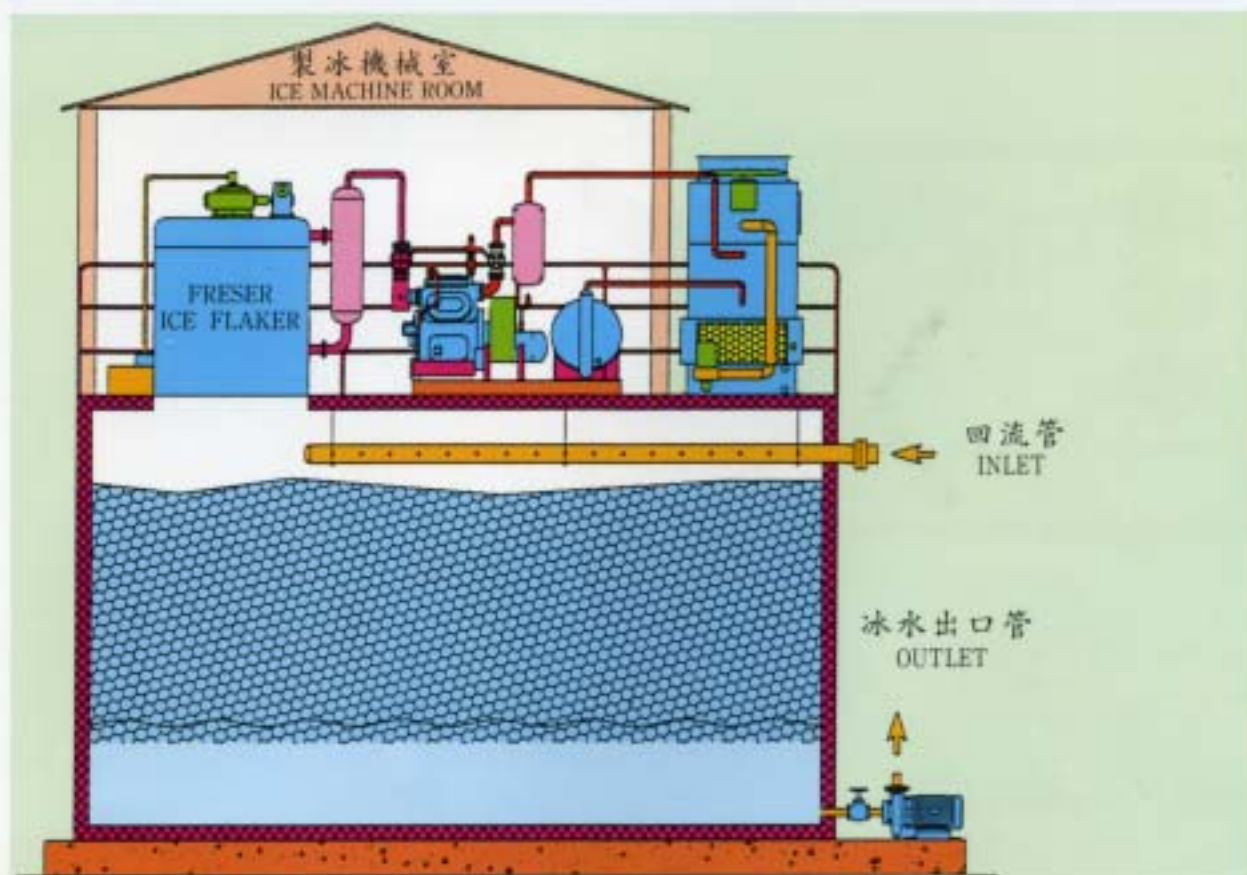
※貯冰量係庫內貯冰3公尺高時之評值
STORAGE CAPACITY IS BASED ON STORING 3M HEIGHT OF ICE

儲冰、水蓄冷槽規格：
ICE STORAGE TANK OF ICE BANK:

型 式 MODEL	L cm	W cm	H cm	蓄 冷 容 積 M ³
ITS-01	300	120	240	6.5
ITS-02	300	240	240	13.0
ITS-03	450	240	240	19.5
ITS-04	600	240	240	26.0
ITS-05	600	300	240	32.5
ITS-10	600	600	240	65.0
ITS-20	1200	600	240	130.0
ITS-30	1800	600	240	195.0

※特殊規格得另行訂製
SPECIAL SPEC. AVAILABLE UPON REQUESTS

儲冰、水蓄冷槽 ICE STORAGE TANK OF ICE BANK



食品廠 FOOD PLANT



化學、染整廠 CHEMICAL DYEING PLANT



大樓空調 AIR CONDITIONING



預拌混凝土廠 CONCRETE PREMIX PLANT



冷凍製冰 • 空調電氣 • 整廠輸出

- | | |
|--------------------------|------------|
| • COLD STORAGE PLANT | • 冷凍庫冷藏庫 |
| • BLOCK ICE MAKING PLANT | • 大型製冰工廠 |
| • IND. FLAKE ICE MAKER | • 產業用碎冰機 |
| • CONVEYOR IQF FREEZER | • 輸送板式 IQF |
| • CONTACT FREEZER | • 接觸式凍結機 |
| • AIR BLAST FREEZER | • 冷風急速凍結 |
| • FROZEN FOOD PROCESS | • 食品加工冷凍 |
| • VESSEL REFRIGERATING | • 漁船冷凍設備 |
| • PLANT AIR-CONDITIONING | • 廠房空調電氣 |
| • SYSTEM IMPROVEMENT | • 冷凍系統改善 |

專業規劃 • 設計製造 • 統包服務



史日光冷凍工業股份有限公司

O.S. FRESER INTERNATIONAL CORPORATION
 88, SEC. 2, CHENG-TEH ROAD, TAIPEI, TAIWAN, R. O. C.
 統一編號: 07128614 FAX: 886-2-8114332

分公司: 台北市承德路二段36號 ☎(02)8531555
 工廠: 北市士林港河西街1段27號 ☎(02)8126755

