

The Future of Plate Freezing Technology



Application

Freezing into blocks is an effective economical method of preserving handling transporting and storing perishable products. The Jackstone Horizontal Plate Freezer freezes in one easy operation, ideal for freezing fish, offals, fruit puree, fish fillets, shrimp and vegetables.

Products are simply placed into horizontal pockets between the aluminium freezing plates. After freezing, the blocks can be unloaded manually or mechanically onto pallets or a conveyor system, within minutes the whole processing cycle can begin again.

Advantages

- A small foot print machine
- Utilises maximum product capacity in height.
- Designed to freeze a wide range of product thickness
- Batch loading of product in trays, cartons & frames
- Double Contact freezing
- Capacity from 100Kg to 2500kg

Design

- Galvanised steel frame work
- Stainless steel frame work optional
- Complete stainless steel hydraulic pipe and Fittings
- Stainless steel double braided refrigerant hoses
- Lever or push button control
- Freezers easily mounted into insulated enclosure
- 19mm, 25 mm, 41 mm plate thickness
- Anti-roll bars optional for marine based machines
- BS5500 tested in accordance with BS4434

For details on any of the Jackstone range of Plate Freezers and Spares, contact us at:

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Horizontal Plate Freezer Options

Curtains



Application

Total enclosed insulation is not always required; Jackstone offer a range of semi-insulated enclosures with heavy duty curtains fitted front and rear of the freezer.

The curtains can be operated manually by means of a handle fitted to the side of the enclosure, or via electric motors and push button 24v control.

Push button control operated curtains are optional. Freezer and curtain controls can be incorporated into one control panel, mounted on the freezer cabinet for easy operation.

Insulated Enclosure



Application

The insulated enclosure is 75mm thick polyurethane double skinned construction, finished inside and outside in white acrylic coated food safe sheet steel. Alternatively stainless steel finish cabinet enclosure is also available.

Each enclosure is supplied fully fitted with a steel base-frame ready to be bolted to the floor. Double doors to front and rear are supplied as standard with the alternative of doors at the front only, inspection panels can be fitted at the side of each cabinet allowing access for maintenance purposes.

Standard Horizontal Plate Freezer Options

No. of Stations: 5 - 20 Blocks per Station

Block Type Plate Size	European block 525 x 295 x 62 7.5 kg per block	Shrimps block 295 x 195 x 70 2.5 kg per block	Russia block 800 x 250 x 62 11 kg per block	Surimi/MDM block 600 x 400 x 55 10 kg per block
1550 x 1140 mm	10	25	7	4
1550 x 1240 mm	10	30	7	6
1650 x 1140 mm	10	25	8	4
1650 x 1240 mm	12	32	8	8
1850 x 1140 mm	12	30	9	6
1850 x 1240 mm	12	36	9	9
1930 x 1120 mm	12	30	9	6
1930 x 1227 mm	12	36	9	9
2200 x 1120 mm	14	35	9	6
2200 x 1227 mm	16	42	9	10
2450 x 1120 mm	16	40	12	9
2450 x 1227 mm	16	48	12	12

Refrigerants

- Amonia NH₃, CACL₂, CO₂
Freons and Hydrocarbons

Defrost

- Hot Gas
- Hot Brine

Refrigeration System

- Gravity system
- Pump circulation
- Direct expansion

Station Openings

- Minimum 25 mm
- Maximum 180mm