



DSI Horizontal Plate Freezers

# DSI Horizontal Plate Freezers

- Optimum plate size
- Width: 1120, 1230 or 1650 mm
- Length: 1550 to 2440 mm
- UNIQUE DESIGN
- Low power consumption
- Easy to maintain and clean
- Element surface structure prevents dents and marks in the packaging
- The most common block dimensions are produced in this type of freezer

## DESIGN:

The plate freezer is made with a heavy-duty hot-dip galvanised steel frame and is mounted with hydraulic twin rams ensuring a stable and even plate pressure - your guarantee for homogeneous blocks.

## FUNCTION:

Double contact plate freezing is a fast and economic way of freezing due to double contact with the product packaging. Furthermore, the fast low temperature freezing maintains the natural quality of the product.

## PRODUCT TYPES:

DSI horizontal plate freezers are ideal for freezing of:

- Shrimps
- Fillets in blocks
- Vegetables
- H & G Fish
- Chopped products

**TECHNICAL INFO:** [www.dsi-as.com](http://www.dsi-as.com)

## DSI also produces a wide range of:

- Vertical plate freezers
- Horizontal plate freezers with blast
- PFP self-contained horizontal plate-freezers
- Automatic plate freezers

PLATE FREEZING  
*... Worldwide!*

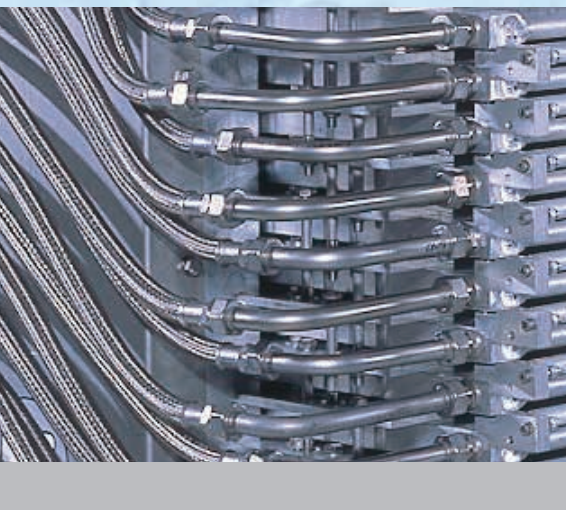




DSI Horizontal plate freezer with cabinet.



Hydraulic system, type Power Pack, mounted on horizontal plate freezer.



Flexible PTFE hoses, for freon, stainless steel-armoured individually pressure tested. Stainless steel bellow hoses for R717, individually pressure tested. Stainless steel fittings.

## DSI HORIZONTAL PLATE FREEZER

»STANDARD RANGE«

TYPE	DIMENSIONS	PLATE THICKNESS
H7	1550x1120 MM (61" x 44")	22 MM
H8	1850x1120 MM (73" x 44")	22 MM
H9	1980x1120 MM (78" x 44")	22 MM
H10	2190x1120 MM (86" x 44")	22 MM
H11	2390x1120 MM (94" x 44")	22 MM
H12	2440x1120 MM (96" x 44")	22 MM
H20	1610x1230 MM (63" x 48")	22 MM
H22	1980x1230 MM (78" x 48")	22 MM
H24	2190x1230 MM (86" x 48")	22 MM
H26	2390x1230 MM (94" x 48")	22 MM
H28	2440x1230 MM (96" x 48")	22 MM
H30	1610x1650 MM (63" x 65")	22 MM
H32	1980x1650 MM (78" x 65")	22 MM
H34	2190x1650 MM (86" x 65")	22 MM
H36	2390x1650 MM (94" x 65")	22 MM
H38	2440x1650 MM (96" x 65")	22 MM

### Technical specifications - DSI standard range:

Number of freezing stations:	From 6 to 18 stations
Frame:	Hot-dip galvanised closed profiles
Freezing plates:	Sea-water resistant aluminium alloy approved for contact with human food
Cover plates:	Stainless steel
Refrigerant hoses:	Flexible PTFE hoses with stainless steel armouring, individually pressure tested
Hose fittings:	Stainless steel
Hydraulic cylinder:	Corrosion class 5C
Hydraulic piping:	Stainless steel
Headers:	Stainless steel
Hydraulic control:	Manual operation
Standard plate pressure:	0.35 bar (4,9 Psi)
Approvals:	CE - DNV - Russian Maritime Register - Russian GOST - EU type approval

### DSI offers the following options for horizontal plate freezers:

- Standard cabinet in 30 mm sandwich panels mounted with manually operated roller blinds on front and rear side
- Standard cabinet with electrically operated roller blinds on front and rear side
- 80 mm highly insulated cabinet, mounted with 60 mm double doors at the front and rear
- Cabinets according to the above specifications, with stainless steel cladding
- Flip-over marine locks (tray holders)
- High plate pressure 0.72 bar (10 Psi)
- Hydraulic system operating up to 12 freezers
- Special plate dimensions
- Stainless steel options



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