

IQF Double Belt Freezer

Type: Dantech FTM/D 250 - 1000 Millennium Series

FREEZING & TEMPERATURE DIVISION



- Great flexibility
- Compact unit
- Cost effective
- Energy saving

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The Millennium Double Belt Arcticflow® Freezer is specially designed for individual freezing of small items such as: Shrimps, Shellfish, Fish and other small food items.

The 2-belt system gives the advantage: That the product is surface frozen on the top belt, then transferred gently to the slower running lower belt, where the product is fully frozen.

On a plastic modular belt, the product is led past the high velocity airflow called Arcticflow®, which blows the air over and under the products and then continuously through the evaporators.

The rapid horizontal Arcticflow® and the ultra low temperature ensure a quick and homogenous freezing within a minimum of time.

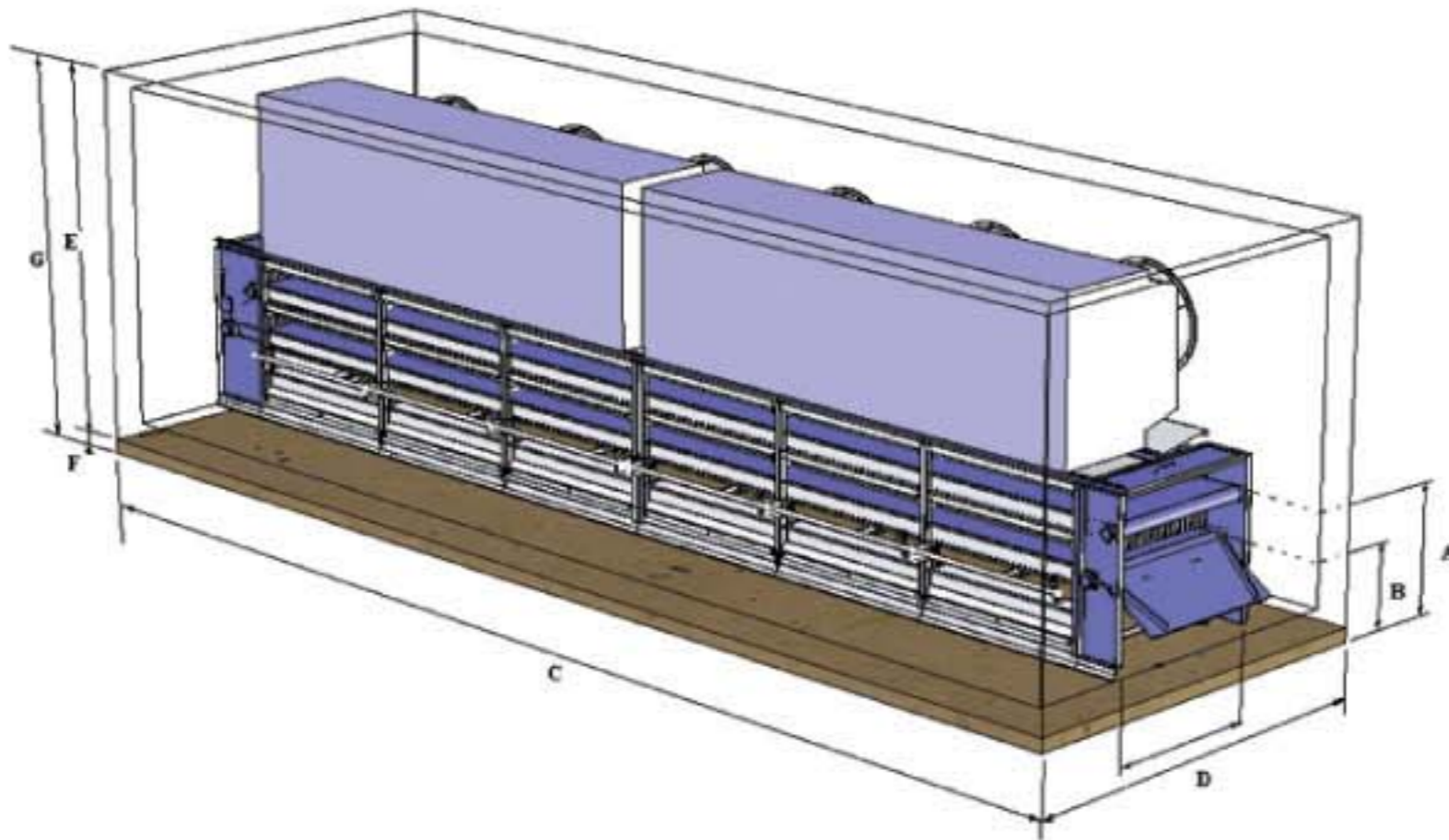
Thus ensuring a fine quality product, with an equalized core temperature of min. -18°C. The Arcticflow® Freezer can also be used for a great variety of other products as mentioned above.

As a special feature the unit can be supplied with a tray attachment for freezing of products packed in trays. The freezer can be used as a stand-alone unit or as an integrated part of a fully automated processing line.



IQF (INDIVIDUALLY QUICK FREEZING) TUNNEL

Type: Dantech FTM/D 250-1000 Millennium Double Belt Series



IQF Double Belt Freezer Type: FTM/D Series		FTM/D-250	FTM/D-350	FTM/D-400	FTM/D-500	FTM/D-750	FTM/D-1000
TECHNICAL DATA:							
Belt Type*	:	Plastic Modular	Plastic Modular	Plastic Modular	Plastic Modular	Plastic Modular	Plastic Modular
Belt Width	(mm):	1,100	1,100	1,100	1,100	1,100	1,100
Belt Length	(mm):	4,400	5,700	6,900	8,200	11,900	15,700
No. of Belts	:	2	2	2	2	2	2
Belt Speed	:	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable
Max Product Height	(mm):	75	75	75	75	75	75
Product in-feed Height	(A) (mm):	1,200	1,200	1,200	1,200	1,200	1,200
Product outlet Height	(B) (mm):	550	550	550	550	550	550
Cabinet Length	(C) (mm):	4,700	6,000	7,200	8,500	12,200	16,000
Cabinet Width	(D) (mm):	2,800	2,800	2,800	2,800	4,000	4,000
Cabinet Height	(E) (mm):	2,700	2,700	2,700	2,700	2,700	2,700
Base, recommended Height	(F) (mm):	100	100	100	100	100	100
Overall Height	(G) (mm):	2,800	2,800	2,800	2,800	2,800	2,800
Coolant Supply to Evaporators	(KW):	36	48	57	69	100	138
Suction Temperature at Evaporator	(°C):	-40°C	-40°C	-40°C	-40°C	-40°C	-40°C
Air Temperature	(°C):	-35°C	-35°C	-35°C	-35°C	-35°C	-35°C
Cooling Medium	:	R404A/R717 / R22	R404A/R717 / R22	R404A/R717 / R22	R404A/R717 / R22	R404A/R717 / R22	R404A/R717 / R22
Cooling Pump Flow Rate	:	4-5	4-5	4-5	4-5	4-5	4-5
Installed Fan Power	(KW):	6.6	8.8	11.0	13.2	19.8	26.4
Power Supply	(KW):	8.1	10.3	12.5	14.7	22.8	29.4
Voltage	(V):	3 x 400/50Hz	3 x 400/50Hz	3 x 400/50Hz	3 x 400/50Hz	3 x 400/50Hz	3 x 400/50Hz

Design:

- Cabinet : 125 mm PUR prefabricated panels with PVC surface
Optional : Stainless steel surface
- Floor : Fully welded stainless steel floor with central gully for easy cleaning
- Conveyor : Stainless steel conveyor frame
Plastic modular belt in easy-to-clean FDA approved plastic
- *Optional : Stainless steel belt

PLC/Touch Screen Control Panel :

- Built into stainless steel enclosure
- Stepless control of belt speed
- Digital read out of freezing time
- Digital read out of air temperature and evaporating temperature
- Start/stop of conveyor belt
- On/off switch for light in tunnel

All above mentioned details are subject to change without notice !

Worldwide Service



Marel Australia
Unit 1,
53 Neumann Road
Capalaba Qld 4157
Australia
Tel: +61 7 3395 8044

Marel France
60 Avenue Paul Cezanne
BP 295
VANNES Cedex 56008
France
Tel: +33 (0) 2 97 46 49 46

Marel New Zealand
27c Kennaway Road
Woolston
Christchurch 8023
New Zealand
Tel: +64 3 381 8100

Marel Slovakia
Novozamocka 222
Nitra
Slovakia 949 05
Tel: +421 37 6530 741

Marel U.K. (Leicester)
Feldspar Close
The Warrens Ind. Park
Enderby Leicester
LE19 4JS
United Kingdom
Tel: +44 (0) 116 284 3500

Marel Brazil
Rua Jose Tomasi, nº 634
Santa Felicidade
Curitiba, PR
82.015-630
Brazil
Tel: +55 41 3888 3400

Marel Germany
Hakenbusch 9
Osnabruck D-49078
Germany
Tel: +49 (0) 541 500 97-0

Marel Norway
Karvag
Averøy 6530
Norway
Tel: +47 715 17300

Marel (Pty) Ltd South Africa
1st Floor, Fish Eagle Park 2
Loerie Street, Meyersdal
1447 Gauteng
South Africa
Tel: +421 37 6530 741

Marel Uruguay
Ramon Mansini, 3134
Montevideo 11300
Uruguay
Tel: +598 2 707 6230

Marel Chile
Bernardino 1057, Modulo 1
Flex Center, Loteo Industrial
San Andres, Puerto Montt,
Chile
Tel: +56 65 341 818

Marel Iceland
Austurhraun 9
210 Gardabaer
Iceland
Tel: +354 563 8000

Marel Poland
ul. Oplotek 29
Warszawa 01-940
Poland
Tel: +48 22 569 52 80

Marel Spain
C/Copernic, 2-4 Nave 1
Pol. Ind. Cami Ral
Gava Barcelona 08850
Espana
Tel: +34 936 36 35 93

Marel USA (Kansas)
8145 Flint Street
Lenexa KS 66214
United States of America
Tel: +1 913 888 9110

Marel China
No. 36 Hong Kong Mid Road
Room 1108
Zhao Yin Tower of Cyber Port
Qingdao 266071
China
Tel: +86 532 8667 5567

Marel Ireland
Unit B2
Centrepont Business Park
Dublin 12 Clondalkin
Oak Drive 12
Ireland
Tel: +353 142 982 06

Marel Portugal
Centro Empresarial "Lusoworld"
2710-335 Linho
Sintra Armazem 6 Rua Pe de Mouro
Portugal
Tel: +351 21 9241393

Marel Sweden
Norra Långebergsgaten 4
Göteborg 400 92
Sweden
Tel: +46 31 709 0707

Marel USA (Seattle)
2001 West Garfield
Terminal 91, Pier 91, Building A-1
Seattle, WA 98119
United States of America
Tel: +1 206 781 1827

Marel Denmark
P.O. Pedersens Vej 18
DK - 8200 Aarhus N
Denmark
Tel: +45 89 304 444

Marel Italy
Via Leonardo da Vinci 9
San Rocco al Porto
Lombardy 26865
Italy
Tel: +39 0377 456065

Marel Romania
Tudor Stefan Street no.13
011655 Bucharest
Romania
Tel: +4 0314 253 114

Marel Thailand
2nd Fl., Ratchaphurk Bldg.
Bangkunkong, Bangkrui
Nonthaburi 11130
125/4 Moo 1, Ratchaphurk Road
Thailand
Tel: +66 2423 3656-9

Marel Vietnam
80 Nguyen Dinh Chieu Street
Ho Chi Minh City Q1
Vietnam
Tel: +84 (8827) 4462

Marel Salmon A/S
Bøgildsmindevej 3
9400 Nørresundby
Denmark
Tel: (45) 9892 1511

Marel Netherlands
Hogerwerf 18
Roosendaal
4704 RV
The Netherlands
Tel: +31 0165 523030

Marel Russia
Proezd No.607, bld.30
Office 602
Moscow 123458
Russia
Tel: +7 (495) 228 0550