



## ICE PLANTS

## FIM100T FLAKE ICE PLANT

## GENERAL INFORMATION

## -DETAILS OF ICE PLANT

**Total Ice Making Cap.:** 100Ton/24h

**Water Type:** Fresh Water

**Ice Making Cap. (Per Hour):** 4100kg/h

**Cooling Cap.:** 578512 Kcal/h

**Power Supply:** 380-415V, 3Phase, 50-60Hz

**Ice Temperature:** Minus 5°C

**Refrigerant:** Freon R404A

**Weight of Plant:** 27000kg

**Size of Plant:** 2\*Pcs Standard 40HC Container

**Power Consumption:** 338.4 kw/h

**Compressor Cap.:** 500HP

**Evaporator:** Round Type (Tamutorn Design)

**Condenser Type:** Water Tower

**Diameter:** 300mm

**Controller:** Automatic by PLC

#### Automation Control System

**Control System:** Each packing line have one control system which make the ice collection system, flake ice machine, ice raking system and auto weighing system can perform auto control together.

**Remote Control:** Remote Control and monitor system with included.

#### Ice Weigher Unit

**Capacity:** 400kg

**Material:** Painted DKP Steel

**Controller:** Automatic by PLC of Batching Plant

#### -DETAILS OF FULL AUTOMATIC ICE RAKE STORAGE UNIT

**Type:** Full Automatic Rake System

**Ice Storage Cap.:** 80 Ton approx.

**Size of Plant:** H4000mm x W5000mm x L12000mm

**Control System:** PLC

**Temperature of Storage:** -5°C

#### TECHNICAL SPECIFICATIONS

##### -ICE PRODUCTION

**Evaporator:** 4\*Pcs 25 Ton Ice Drum

**Material:** Outside covered by 304 Stainless steel and inside made by Carbon steel  
**Size:** 2300mm\*1750mm\*2300mm

#### EQUIPMENT

##### Screw Conveyor

**Length:** 1000cm

**Material:** Painted DKP Steel

## FIM120T FLAKE ICE PLANT

## GENERAL INFORMATION

## -DETAILS OF ICE PLANT

**Total Ice Making Cap.:** 120Ton/24h

**Water Type:** Fresh Water

**Ice Making Cap. (Per Hour):** 5000kg/h

**Cooling Cap.:** 704232 Kcal/h

**Power Supply:** 380-415V, 3Phase, 50-60Hz

**Ice Temperature:** Minus 5°C

**Refrigerant:** Freon R404A

**Weight of Plant:** 28000kg

**Size of Plant:** 2\*Pcs Standard 40HC Container

**Power Consumption:** 390.4 kw/h

**Compressor Cap.:** 600HP

**Evaporator:** Round Type (Tamutorn Design)

**Condenser Type:** Water Tower

**Diameter:** 300mm

**Controller:** Automatic by PLC

#### Automation Control System

**Control System:** Each packing line have one control system which make the ice collection system, flake ice machine, ice raking system and auto weighing system can perform auto control together.

**Remote Control:** Remote Control and monitor system with included.

#### Ice Weigher Unit

**Capacity:** 400kg

**Material:** Painted DKP Steel

**Controller:** Automatic by PLC of Batching Plant

#### -DETAILS OF FULL AUTOMATIC ICE RAKE STORAGE UNIT

**Type:** Full Automatic Rake System

**Ice Storage Cap.:** 80 Ton approx.

**Size of Plant:** H4000mm x W5000mm x L12000mm

**Control System:** PLC

**Temperature of Storage:** -5°C

#### TECHNICAL SPECIFICATIONS

##### -ICE PRODUCTION

**Evaporator:** 4\*Pcs 30 Ton Ice Drum

**Material:** Outside covered by 304 Stainless steel and inside made by Carbon steel  
**Size:** 3000mm\*2300mm\*2500mm

#### EQUIPMENT

##### Screw Conveyor

**Length:** 1000cm

**Material:** Painted DKP Steel

