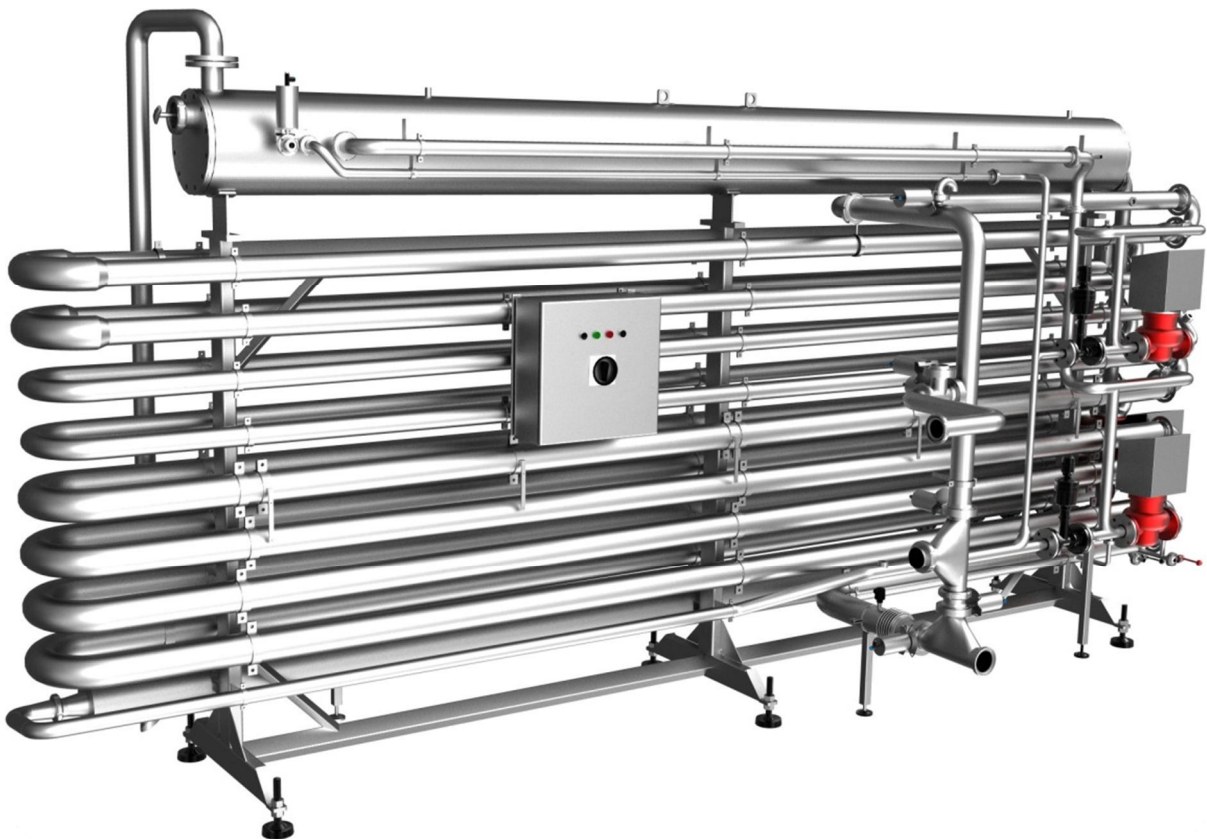




*Fluidor Equipment B.V. | Fluid, Drum & Containerhandling*

## **CRUSHED ICE MELTER (CIM)**



## DESCRIPTION

The Crushed Ice-Melter is designed for melting ice flakes produced by the Drumdumper-Ice-Crusher. The CIM brings the temperature of the product up to a homogeneous composition around 0 °C. for better pumping of product to next process step.

Following 4 executions are possible:

- CIM Steam, melting energy delivered by means of steam from plant, capacity up to 12 m<sup>3</sup>/h.
- CIM Limited Steam, same as above, but capacity up to 7 m<sup>3</sup>/h.
- CIM Hot Water, melting energy delivered by means of hot water from plant, capacity up to 12 m<sup>3</sup>/h.
- CIM Limited Hot Water, same as above, but capacity up to 7 m<sup>3</sup> per hour.

**Product** : All frozen fruit juices, concentrates and pulp.

**Discharge temp.** : Just above melting point of product with a max. deviation of 2 °C.

## The Crushed Ice-Melter is characterized by following advantages:

1. Very simple operation. No re-adjustment is required for processing different kinds of products.
2. Automatic control of the maximum flow.
3. No dismantling required for cleaning.
4. Complete stainless steel construction.
5. The installation is very compact, if placed next to the Drum Dumper Ice Crusher (DPRICS) little additional space is required.

## EXECUTION

- Stainless steel AISI 304. Except some standard trade components.

## CAPACITY

- Depending on execution up to 7 m<sup>3</sup> per hour or up to 12 m<sup>3</sup> per hour, depending on product and temperature.
- Counter pressure max. 12 bar.

## TECHNICAL DATA

- Length overall : 6.600mm.
- Width overall : 1.200 mm.
- Height overall : 3.200 mm.
- Total weight : 2.300 kg.
- Installed power : 5 kW.

## EXAMPLE LAYOUT WITH POSSIBLE PROCESS OPTIONS

