



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

DRUMDUMPER-ICE-CRUSHER DPRICS



DESCRIPTION

The Drumdumper-Ice-Crusher (DPRICS) is designed for an efficient emptying of 200 litre open top steel drums containing non-toxic or non-aggressive liquid products like hard frozen fruit juices and fruit juice concentrates (up to 70° brix) with a maximum viscosity of 20.000 cP.

The drums are placed on the roller conveyor section where lid will be removed and liner(s) will be opened. The drum is lifted and tipped pneumatically, the product falls into the collecting hopper and is stopped by a pneumatic grid (option). The bag will empty itself partly. The operator brings the bottom part of the bag into the squeezer and the remaining product is pressed out, the crusher drum takes care of an efficient crushing of hard frozen product, finally the product flows into the hopper and is discharged by an integrated mono pump.

EXECUTION

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

CAPACITY

- Depending on drum infeed & product: up to 60 drums per hour.
- Pump capacity up to 12 m³ product per hour.
- Counter pressure max. 12 bar.

TECHNICAL DATA

- Length overall : 5.000 mm.
- Width overall : 2.300 mm.
- Height overall : 3.500 mm.
- Platform height : 1.400 mm.
- Total weight : 4.000 kg.
- Installed power : 45 kW.

DRUM SPECIFICATION

- Dimensions drums: Width: from Ø480 to Ø630 mm
 Height: from 810 to 1000 mm
- Max weight drums : 350 kg

EXAMPLE LAYOUT WITH POSSIBLE PROCESS OPTIONS:

