



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

## **DRUMDUMPER DAPS SPECIAL** **For de-watering of fruit pieces**



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## DESCRIPTION

The Drumdumper (DAPS Special) is designed for an efficient emptying of 200 liter open top drums containing non-toxic or non-aggressive **liquid** products like fruit juice with fruit pieces, developed especially for the production of "RANI"-products.

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, product will fall into the collecting hopper, flows into the hopper and is fed to a screw conveyor for separation of the fruit pieces (pulp) and the fruit juice.

The fruit pieces are discharged from the top of the screw conveyor for next process steps, the fruit juice is collected and pumped by a centrifugal pump to the next process step.

## EXECUTION

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

## CAPACITY

- Depending on drum infeed & product: up to 4.000 kg fruit pieces per hour.
- Centrifugal pump capacity up to 30 m<sup>3</sup> per hour.
- Counter pressure max. 3 bar.

## TECHNICAL DATA

- Length overall : 4.250 mm.+ length of screw conveyor (depends on customer demands).
- Width overall : 1.850 mm.
- Height overall : 2.400 mm.
- Platform height : 1.400 mm.
- Total weight : 2.500 kg.
- Installed power : 6 kW.

## DRUM SPECIFICATION

- Dimensions drums: : Width from Ø480 to Ø630 mm  
Height from 810 to 1.000 mm
- Max weight drums : 350 kg

## EXAMPLE LAYOUT

