

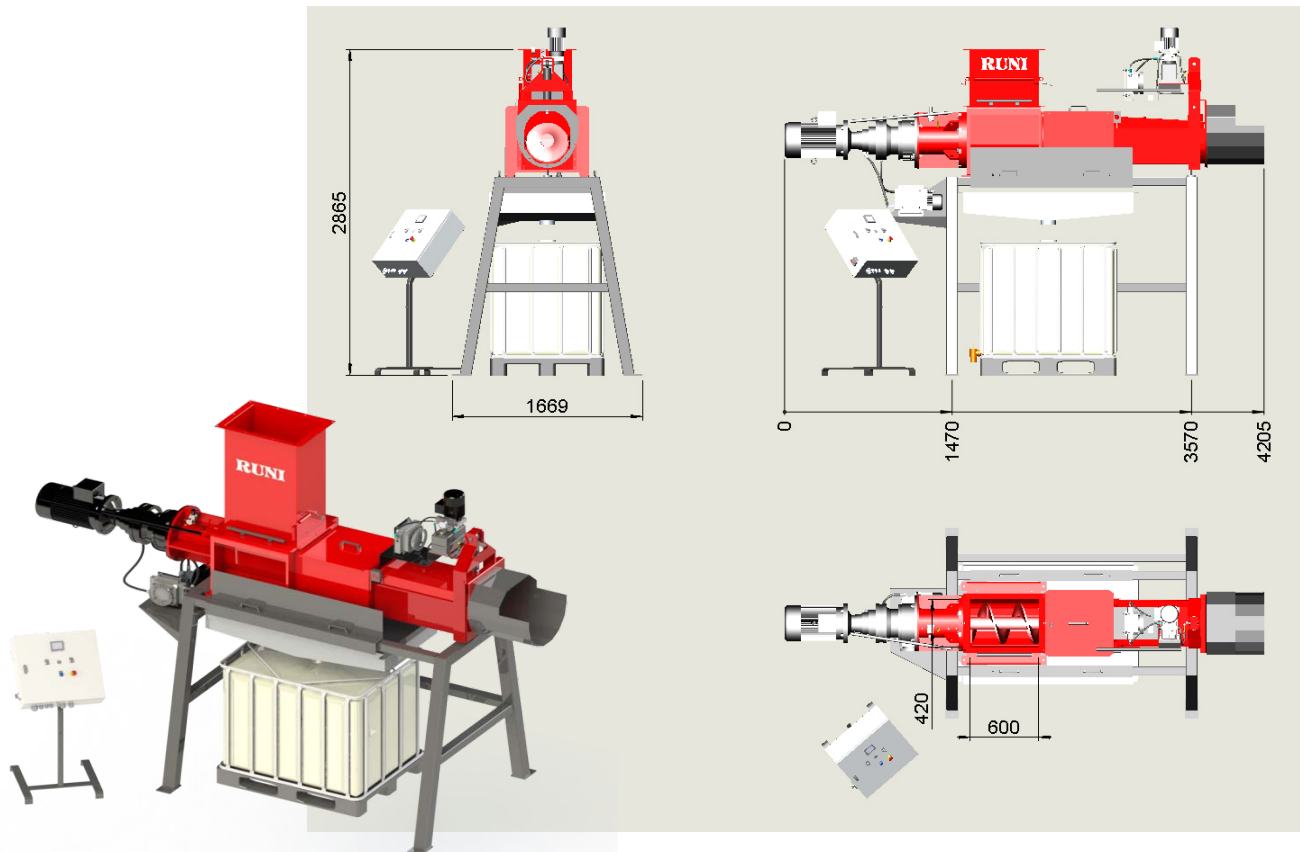


Destruction and separation of cosmetics

Technical data specification SK370

Dimensional drawing

Subject to technical modifications.



Technical data	Europe	USA
Material	Mix of all kinds of cosmetics	Mix of all kinds of cosmetics
Capacity per hour *)	1000 kg	2200 lbs
Daily capacity *)	24 tonnes	24 ton
Diameter for outlet	370 mm	15 inch
Feed opening dimension (standard)	600 x 420 mm	24 x 17 inch
Weight	1500 kg	3300 lbs
Machine dimension (LxBxH) (standart)	4205 x 1669 x 2865 mm	165 x 65 x 113 inch
Motor power	Main motor: 15 kW Hydraulic pump: 0,55 kW	Main motor: 24 hp (18 kW) Hydraulic pump: 0,9 hp (0,66 kW)
Power supply	3 x 400V, 50Hz, 63A	3 x 230V, 60 Hz, 80A 3 x 480V, 60 Hz, 63A
Marking	CE approved	CE-approved, UL(only components)

*) Depending on the type of cosmetics and the packaging.



Destruction and separation of cosmetics

Description

The RUNI screw compactor is able to press out approx. 95% of the cosmetics from the packaging in a continuous process. The empty packaging is completely destroyed so it is impossible to re-use the packaging. Also there is no risk of neither cosmetics nor packaging re-entering the market again. The cosmetics itself can be used as energy at biogas plants. The packaging can be used as fuel or go to landfill. Some packaging for cosmetics are very strong and it takes great strength and power to ensure 100% destruction as required – but RUNI can solve the task.



Function

RUNI SK370 screw compactor has for many years proved to be a strong and reliable machine built to work 24/7 with a capacity of 1000 kg per hour. It is important to feed the materials in a slow and steady flow to ensure optimum destruction and separation. RUNI solves this with a frequency controlled conveyor belt. The integrated sensors start the machine when they register materials. The cosmetics (liquid part) are collected in the stainless tray below the machine and can be diverted into a 1000 litre IBC container.



Benefits

- 100 % destruction – no re-sale of neither cosmetics nor packaging.
- Side benefit are reduction of landfill cost as the cosmetics are used in biogas plants.
- Hole matrix made of stainless steel (AISI316).
- Safe and easy operation with automatic start and stop.

Option

- The cosmetics can be filled directly into an IBC container
- Same machine can be used for dewatering other kind of materials.