

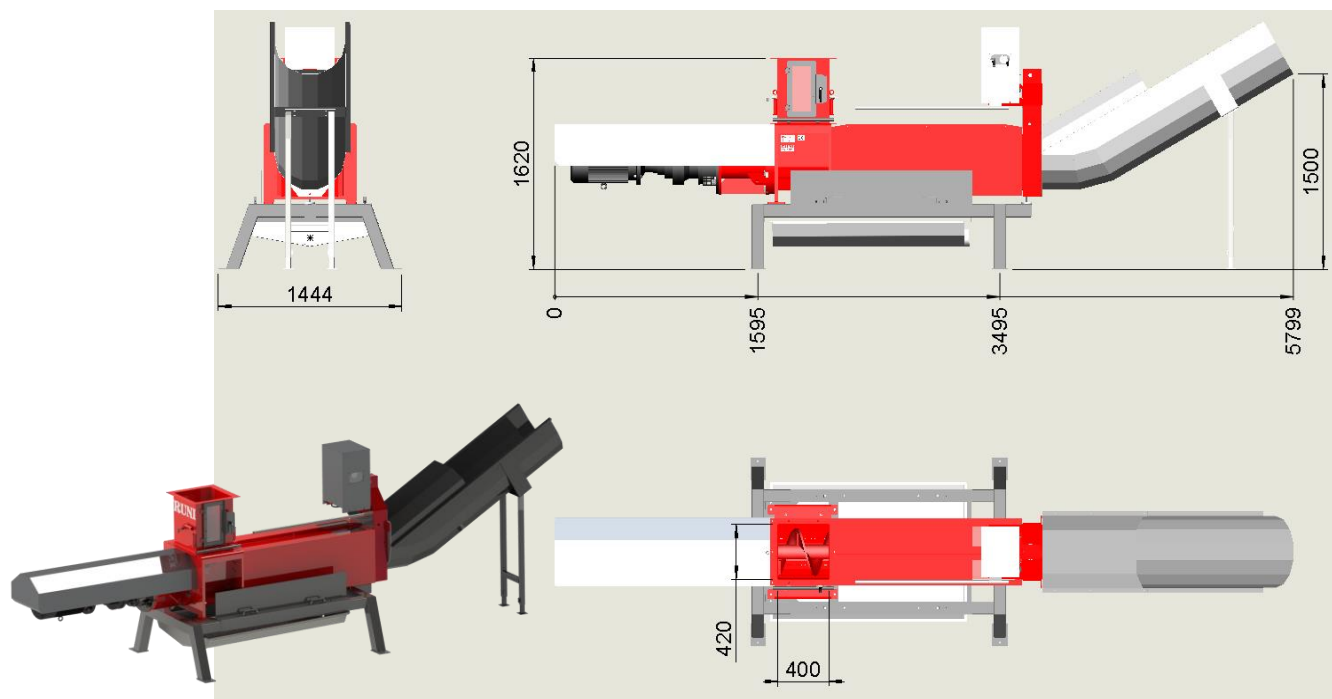


Compacting and separation of dairy products

Technical data specification SK370

Dimensional drawing

Subject to technical modifications.



Technical data	Europe	USA
Material	Dairy products	Dairy products
Achieved density	Approx. 300 kg/m ³ plastic containers Approx. 500 kg/m ³ cartons	Approx. 20 lbs/ft ³ plastic containers Approx. 35 lbs/ft ³ cartons
Capacity per hour	5000 kg	11000 lbs
Diameter for outlet	370 mm	15 inch
Feed opening dimension (standard)	400 x 420 mm	15 x 17 inch
Weight	1500 kg	3300 lbs
Machine dimension (LxBxH) (standard)	5799 x 1444 x 1620 mm	228 x 57 x 83 inch
Motor power	Main motor: 15 kW Hydraulic pump: 0,55 kW Oil cooling for gear: 0,07 kW Oil cooling for hydraulic pump: 0,07kW Circulation pump: 0,25 kW	Main motor: 24 hp (15 kW) Hydraulic pump: 0,9 hp (0,66 kW) Oil cooling for gear: 0,09 hp Oil cooling for hydraulic pump: 0,09 hp Circulation pump: 0,33 hp
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)



Compacting and separation of dairy products

Description



Dairies destroy returned goods like yogurt and similar products with expired date or faulty manufacture. The products can be used for biogas plants or animal feed. RUNI screw compactor handles both destruction, emptying and compacting in one working process, and this saves both handling and space at the manufacturer. Installation of the compactor close to the production increases the safety of destruction and saves transport cost at the same time.



Function

At separation the wastestream is split into two. The liquid can go into sewage or collected and sold for other purposes like energy production or animal feeding. The solid material gets so dry that it can be disposed of as normal combustible waste at a lower cost or be sold for recycling. The material can be fed manually or with conveyor belt into a vertical hopper. The liquid is pressed out through a suitable hole matrix and the solid compacted part is slowly pushed into the departure tray. The perforated matrix is made of stainless steel (AISI316) to withstand liquid with low pH



Benefits

- 100% product destruction.
- Compacts and separates both plastic containers and cartons.
- Safe and easy operation with automatic start and stop.
- Surroundings are kept clean.

Option

- Complete machine in stainless steel and washing friendly edition.
- Nozzle bracket for self cleaning.
- Different hoppers for feeding of the machine – hopper for tilt container