



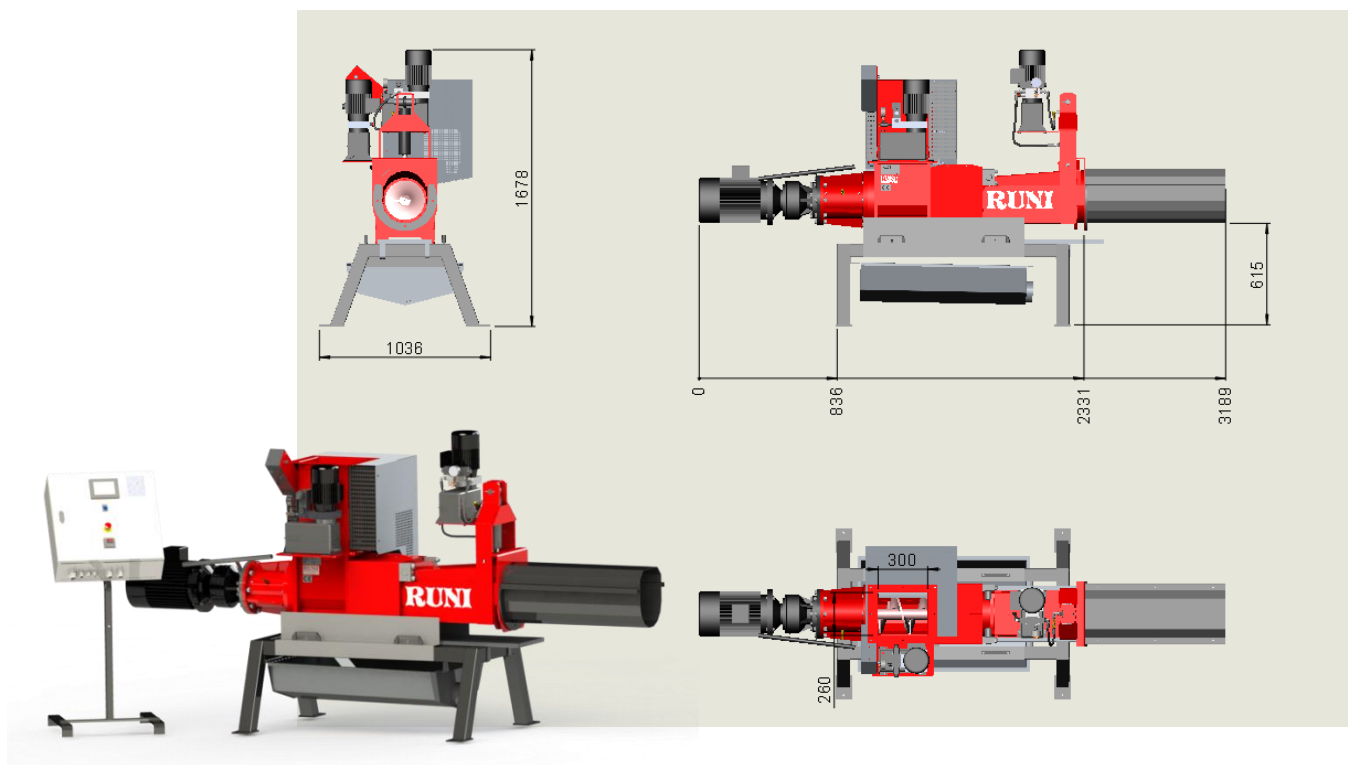
Dewatering reject from food waste to biogas plant.

Technical data specification for SK240



Dimensional drawing

Subject to technical modifications.



Technical data	Europe	USA
Material	Reject from refining food waste	Reject from refining food waste
Achieved dry matter percent *)	50 – 65 %	50 – 65 %
Capacity per hour	500 – 1000 kg	1100 – 2200 lbs
Diameter for outlet	240 mm	10 inch
Feed-opening dimensioner, inlet (standard)	400 x 260 mm	16 x 10 inch
Weight	1000 kg	2200 lbs
Machine dimension (LxWxH) (standard)	4439 x 640 x 1898 mm	175 x 25 x 75 inch
Motor power	Main motor: 5,5 kW Hydraulic pump: 0,55 kW Force Feeder: 0,55 kW	Main motor: 9 hp (6,6 kW) Hydraulic pump: 0,9 hp (0,66 kW) Force Feeder: 0,9 hp (0,66 kW)
Power supply	3 x 400V, 50Hz, 32A	3 x 230V, 60Hz, 40A 3 x 480V, 60Hz, 32A
Marking	CE-approved	CE approved, UL(only components)

*) Depending on material.



Dewatering reject from food waste to biogas plant

Description

RUNI SK240 screw compactor efficiently separates small quantities of food content and liquid from its packaging in a continuous process leaving the reject dry enough to send it to incineration instead of sending it to landfill at much higher cost. The conditions at plants for biomass production of food waste are very demanding. The plants are working 24/7 all year round. In the waste material there are often some abrasive elements like sand and other unexpected "surprises".



Function

RUNI SK240 screw compactor has for many years been a supplement to the SK370. It is designed to handle small quantities of material. The screw separates the liquid from the solid packaging. It is a very energy efficient way to dry the wet material. The liquid runs through a suitable perforated matrix. Automatic start and stop and not least the automatic hydraulic jaws and force feeder ensures maximal operation even at variable material flow. The perforated matrix is made of acid resistant stainless steel (AISI316) to withstand liquids with low pH.



Benefits

- Dewatering reject with low energy cost.
- Perforated matrix in stainless steel (AISI316).
- Safe and easy operation with automatic start and stop.

Option

- Control panel is prepared to control feeding screw in front of RUNI screw compactor.
- Remote control
- Stainless steel version