



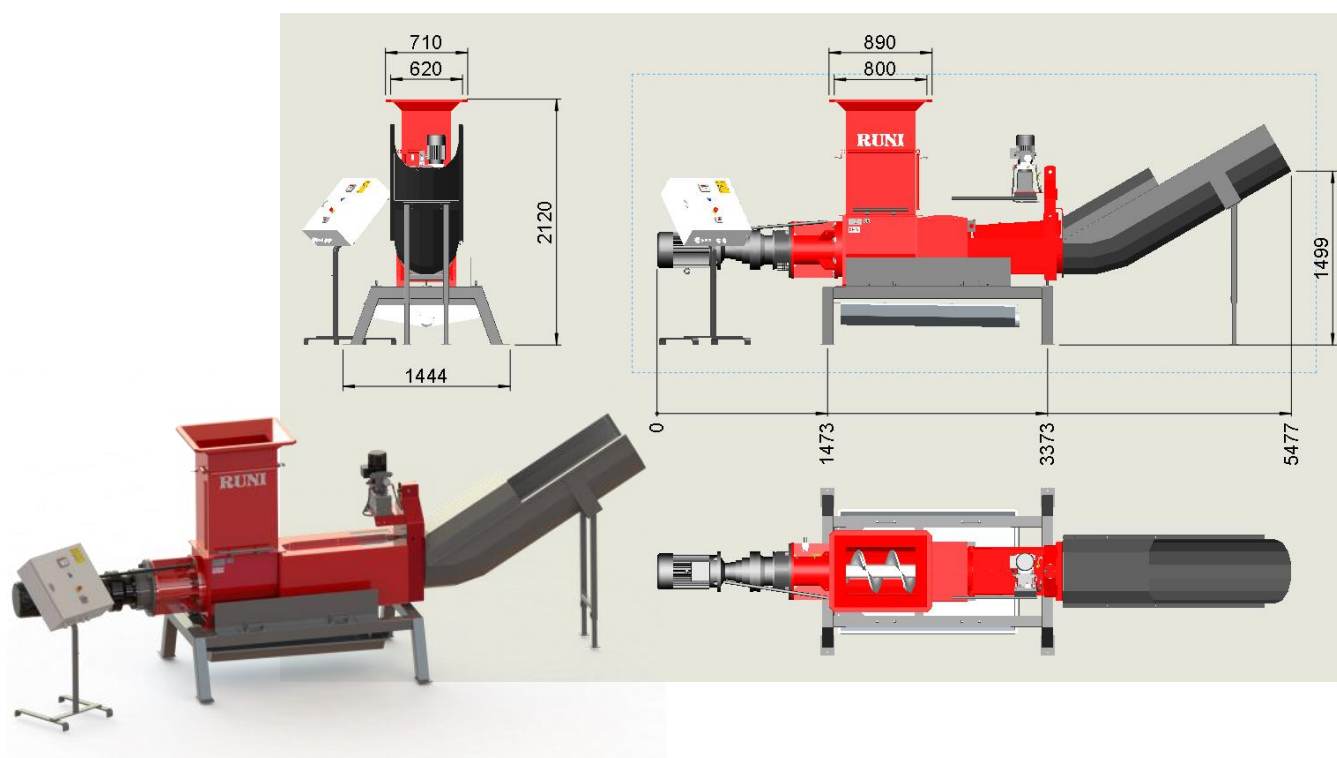
Dewatering reject from plastic washing plant

Technical data sheet for SK370



Dimensional drawing

Subject to technical modifications.



Technical data	Europa	USA
Material	Reject from plastic washing plant	Reject from plastic washing plant
Achieved dry matter percent*)	75 %	75%
Capacity per hour	5000 kg	11000 lbs
Daily capacity	120 tonnes	120 ton
Feed opening dimension (standard)	600 x 420 mm	24 x 17 inch
Weight	1500 kg	3300 lbs
Machine dimension (LxBxH) (standard)	5477 x 1444 x 2120 mm	216 x 57 x 84
Motor power	Main motor: 15 kW Hydraulic pump: 0,55 kW Oil cooling for gear: 0,07 kW Oil cooling for hydraulic: 0,07 kW Circulation pump: 0,25 kW	Main motor: 24 hp (18kW) Hydraulic pump: 0,9hp (0,66kW) Oil cooling for gear: 0,17 hp (0,13 kW) Oil cooling for hydraulic: 0,17 hp (0,13 kW) Circulation pump: 0,38 hp (0,29 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 percent of paper fibres.



Dewatering reject from plastic washing plant



Description

At a recycling plastic washing plant for e.g. PET and PE-film the screw compactor is able to dewater the reject in a continuous process. At the same time the reject gets so dry that instead of ending as expensive and polluting waste at landfill it can now go to incineration. The conditions at a recycling plastic plant are very demanding as it is running 24/7. Furthermore in this kind of waste material there are different abrasive elements e.g. sand. Therefore great demands are required of the machine – and RUNI can do it.

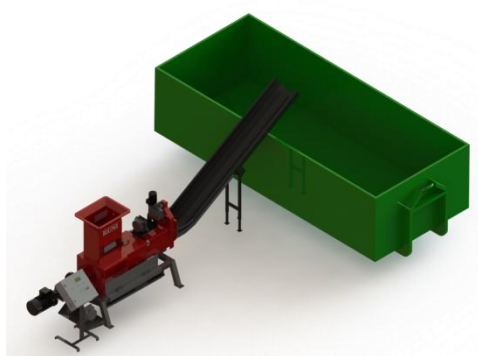
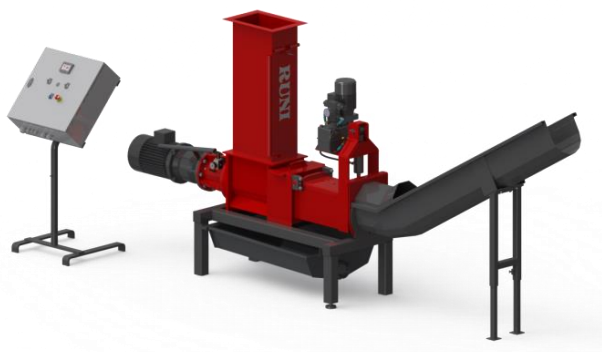


85 %  25 %
Reduction of water



Function

RUNI SK370 screw compactor has for many years proved to be a strongly built machine, capable to work 24/7 with a capacity of 5000 kg per hour. With high torque the screw separates the liquid. It is a very energy efficient way of drying the wet material. The liquid is pressed out through a special developed matrix with holes. Automatic start and stop. Furthermore automatic hydraulic jaws that ensures optimum operation even when the material flow varies.



Benefits

- Dewatering reject with low energy cost.
- Reduction of cost for disposal.
- Matrix of stainless steel (AISI316).
- Safe and easy operation with automatic start and stop.

Option

- Automatic start/stop of feeding screw can be integrated in RUNI control panel.
- Hopper and departure tray can be customised.
- Remote control.