



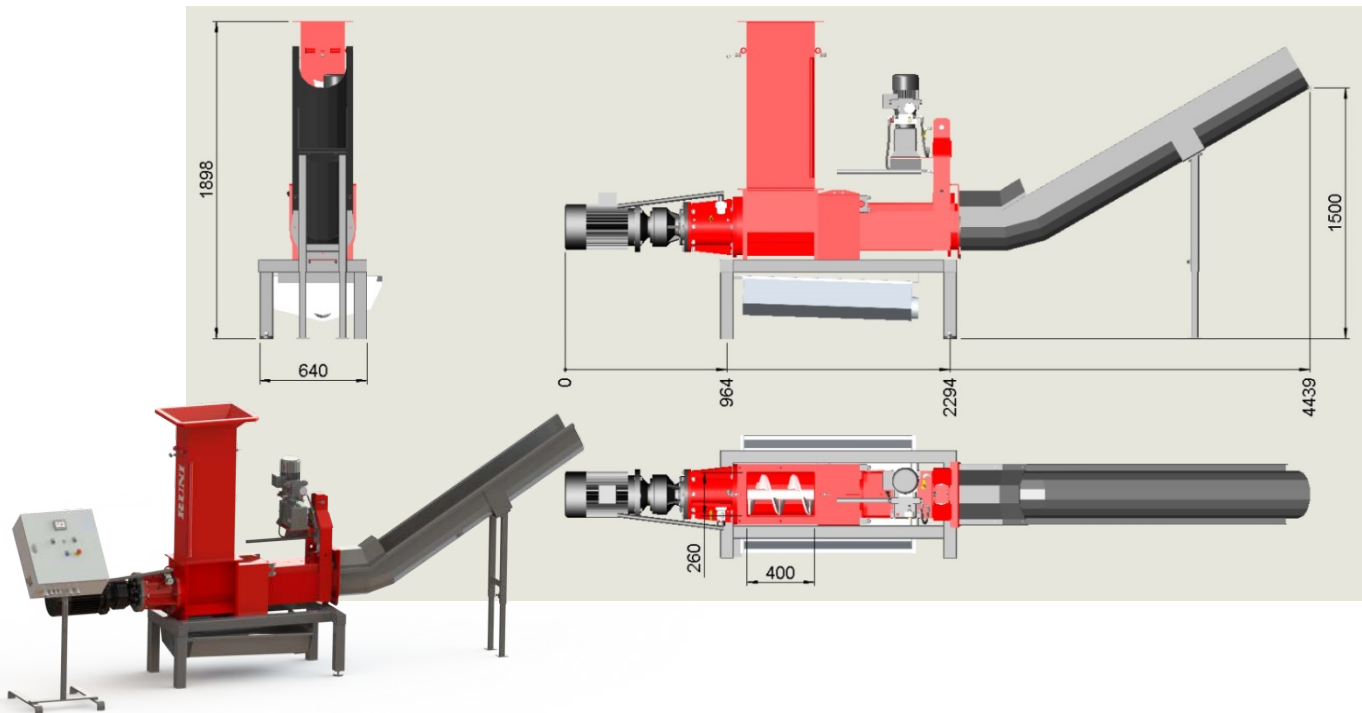
Compacting and separation of PET-bottles

Technical data specification for SK240



Dimensional drawing

Subject to technical modifications.



Technical data	Europe	USA
Material	PET-bottles	PET-bottles
Achieved density	Approx. 225 kg/m ³	Approx. 13 lbs/ft ³
Capacity per hour	5000 pcs. 0,5 l. bottles	5000 pcs. 18 oz. bottles
Diameter for outlet	240 mm	10 inch
Feed-opening dimension, 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 Agitator in hopper: 0,75kW	Main motor: 9 hp (6,6 kW) Hydraulic pump: 0,9 hp (0,66 kW) Agitator in hopper: 1,2 hp (0,9kW)
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)



Compacting and separation of PET-bottles

Description

PET-bottles is the preferred packaging for soft drinks, fizzy drinks, juice and water. With the wide distribution of these drinks a large waste problem follows. For breweries the main problem is that they often have large volumes of discharged products that need to be destroyed to eliminate risks of being resold again. For waste collectors the main problem after consumption is the volume compared to weight, which makes handling and transport difficult and expensive. RUNI screw compactor is the perfect solution for both these problems. When the bottles have been through RUNI screw compactor it is no longer possible to receive deposit for the bottles. In many cases the compacted bottles can be sold for recycling.



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 Compaction ratio



Function

RUNI screw compactor compacts and separates continuously the bottles while the content of the bottles is pressed into a tank or drain without making the surroundings dirty. To avoid bridging it is possible to install an agitator in the hopper. The machines are equipped with sensors for automatic start and stop and can be fed with conveyor belt, manually or with tip container. The compacted bottles can be compacted directly into a container.



Benefits

- 100 % product destruction is ensured.
- Safe and easy operation with automatic start and stop.
- The surroundings stay clean.
- Matrix and tray in stainless steel (AISI316) to resist the low pH in many liquids.

Option

- Complete machine can be delivered in stainless steel and cleaning friendly edition.
- Hopper with agitator to prevent bridging.
- Different hoppers for e.g. tilting container.
- Conveyor belt