

EASY SEPARATION & DESTRUCTION OF PACKAGING



TURN WASTE TO VALUE



RUNI

Destruction of production

The RUNI dewatering screw compactor is the perfect solution for destruction of returned and expired goods and faulty manufacture. The machine separates, compacts and creates two waste streams in one continuous process: The liquid is pressed out through a matrix and can go directly into the drain or be collected and used for animal feed or energy production.



The compacted packaging material is slowly pushed out of the exit chute and can easily be collected in containers. After compacting, the packaging is so dry, that it can be sent to incineration at a lower cost, or it can be sold for recycling. Installing the compactor close to the production helps increase the certainty of destruction and saves a lot of manual handling, as well as transportation and storage costs.



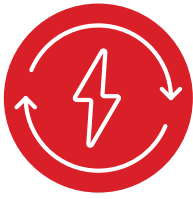
Compact packaging up to a factor 20

RUNI offers machines for compacting and separation of cans, PET containers, Tetra-Pak® and dairy products in 2 different sizes. The capacity of the machines depends on the material. The same machine can handle all the different materials, but if the compacted packaging is going to be sold for recycling, the sorting must be done before the products enter the RUNI.

The machines are equipped with sensors for automatic start and stop. Feeding of the machines can be done manually, with conveyor belt or with tilt container.



Benefits



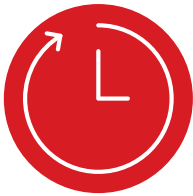
Energy efficient
destruction of products



Safe and easy
operation with
automatic start and stop



One operation destroys,
separates and compacts faulty
production



Hard metal on screw and
matrix in stainless steel
(AISI316) ensures long lifetime.
If needed, the entire machine
can be made in stainless steel



Remote access (via SIM-card)
ensures easy trouble shooting
and assistance from the factory



Fast delivery of
spare parts

Options

Customized solutions

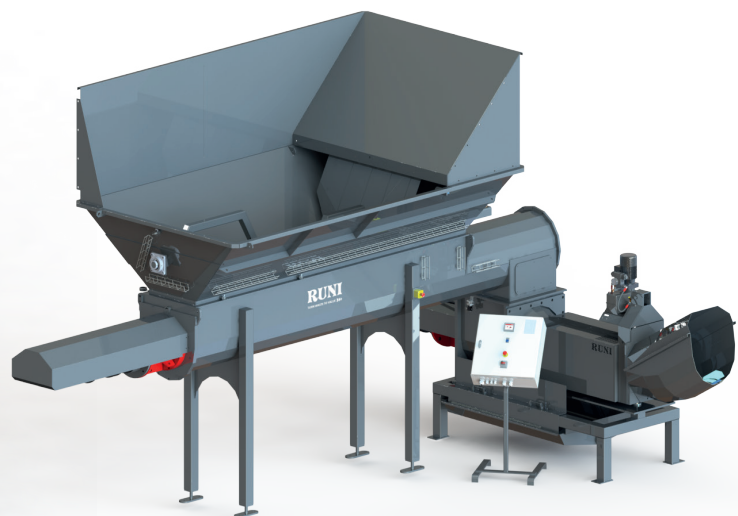
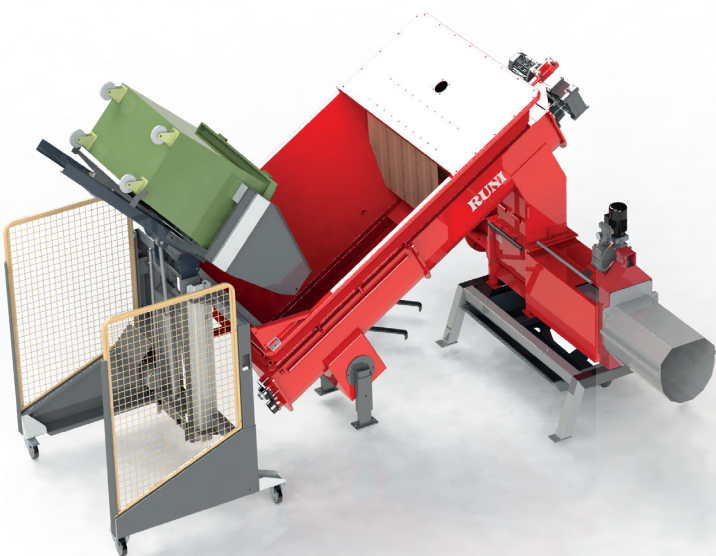
RUNI's modular machine
architecture allows customized
solutions to ensure perfect fit for
the individual processing line.

Foam drain

When dewatering full beer cans,
we add a special foam drain to
ease the draining.

Big edition

For packaging bigger than 2.5
gallons we offer a solution with
a bigger screw. This can handle
packaging sizes up to 8 gallons.





Technical data	SK240	SK370
Material	Alu cans, Tetra-Pak®, PET bottles, dairy products	Alu cans, Tetra-Pak®, PET bottles, dairy products
Achieved Density	Alu cans: 25 lbs/ft ³ Tetra-Pak®: 31 lbs/ft ³ PET bottles: 13 lbs/ft ³	Alu cans: 25 lbs/ft ³ Tetra-Pak® 31 lbs/ft ³ PET bottles: 13 lbs/ft ³
Capacity per hour *)	Alu cans: 7,000 pcs. 11 oz. cans Tetra-Pak®: 1,300 gallons PET bottles: 5,000 pcs. 18 oz. bottles Max. size: 34 oz.	Alu cans: 20,000 pcs. 11 oz. cans Tetra-Pak®: 3,950 gallons PET bottles: 20,000 pcs. 18 oz. bottles 8,000 pcs. 53 oz. bottles Max. size: 169-338 oz.
Diameter for outlet	10 inches	15 inches
Feed-opening dimension inlet (standard)	59 x 47 inches	59 x 59 inches
Weight	2,000 lbs	3,850 lbs
Machine dimension (LxWxH) (standard)	164 x 76 x 91 inches	216 x 81 x 104 inches
Motor Power	Main motor: 9 hp (6.6 kW) Hydraulic pump: 0.9 hp (0.66 kW) Agitator in hopper: 1.2 hp (0.9 kW)	Main motor: 24 hp (18 kW) Hydraulic pump: 0.9 hp (0.66 kW) Agitator in hopper: 1.2 hp (0.9 kW)
Power Supply	3 x 230V, 60Hz, 40A 3 x 480V, 60 Hz, 32A	3 x 230V, 60Hz, 80A 3 x 480V, 60 Hz, 63A
Marking	CE-approved, UL (only components)	CE-approved, UL (only components)

Compaction rate:
Alu cans:
20 >>> 1



Compaction rate:
PET bottles:
8 >>> 1

DEWATERING VARIOUS CANS AND BOTTLES

CARLSBERG BREWERIES, DENMARK

Besides beer cans, Carlsberg Breweries in Denmark also produce Coca-Cola® in aluminum cans and PET-bottles. Carlsberg's effective quality control daily sorts out substantial quantities, that needs to be destroyed.

Through more than 15 years, Carlsberg has used a RUNI SK370 for emptying and compacting PET-bottles. A few years ago, they also got a RUNI SK240 for destruction and compaction of beer cans. Latest, Carlsberg have installed a customized RUNI SK370 for their new product, 5 gallons draught beer in plastic containers.



"At Carlsberg we are very satisfied with the compactors from RUNI. It is very important for the company that we can separate efficiently directly at the source and here RUNI's compactors have shown themselves efficient and robust. RUNI has furthermore demonstrated good service through the whole cooperation."

Watch a demonstration of the machine here:



RUNI – DANISH ENGINEERING

When working with RUNI you will meet a team with many years of know-how. We seek to create the best energy-efficient and long-term solution, that will make a real difference for your business and the environment.

At RUNI we think long-term, not least when it comes to our relations with our customers. Many RUNI-customers have machines that are 10-15 years old and still running well. Of course, they need maintenance and the occasional spare part, but here we also strive to always offer fast and competent help – also many years after the delivery and installation of the machine.

RUNI's screw compactors support UN's sustainable development goals and make a positive difference, that promotes sustainability and the circular economy.



Your local distributor:

runi-us@runi.dk • +1 (630) 422-3172 • www.compactor-runi.com

TURN WASTE TO VALUE

