

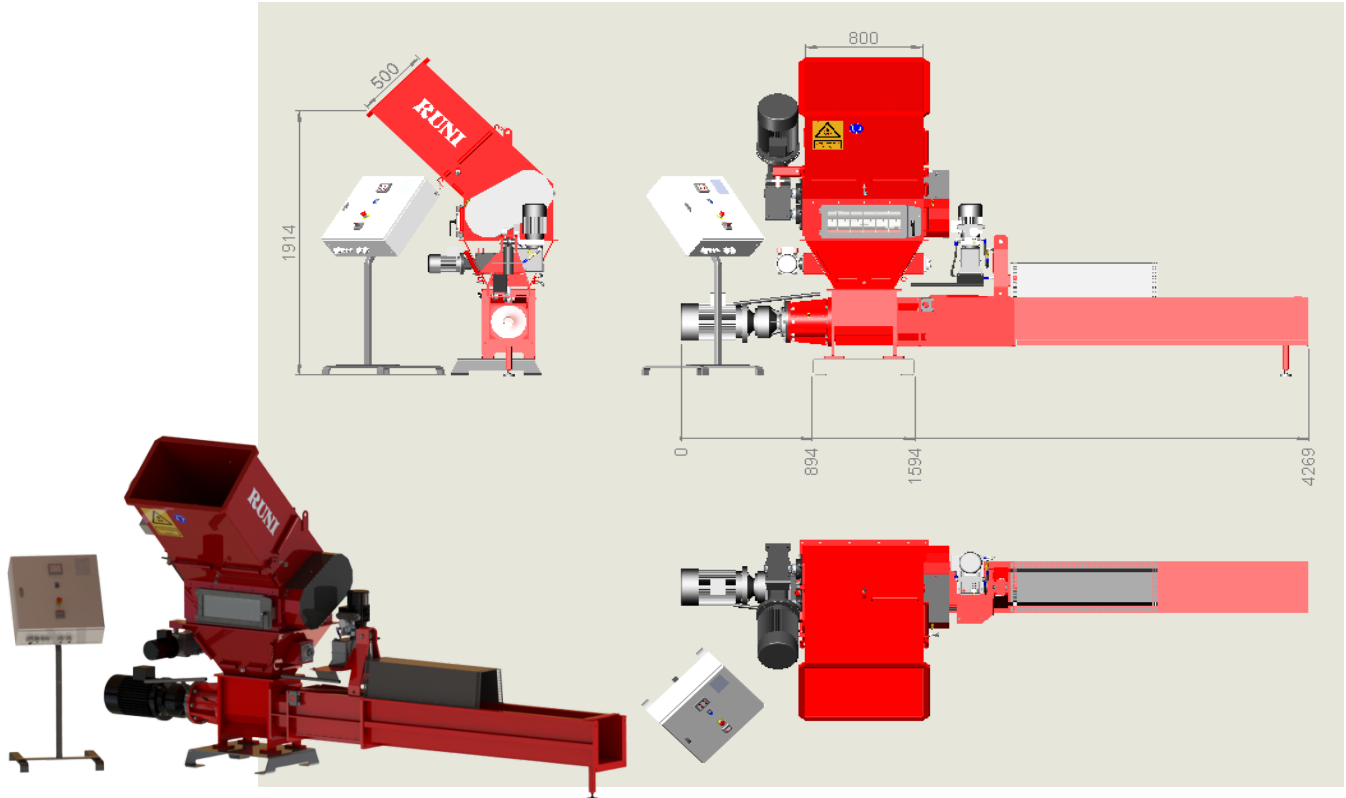


# Compacting EPS (airpop)

## Technical data specification for SK240

### Dimensional drawing

Subject to technical modifications



Technical data	Europe	USA
Material	EPS (airpop) (styrofoam)	EPS (airpop) (styrofoam)
Achieved density *)	350 kg/m <sup>3</sup>	21 lbd/ft <sup>3</sup>
Capacity per hour	75 kg	165 lbs
Daily capacity	750 kg	1650 lbs
Block measurement	250 x 250 mm	10 x 10 inch
Feed-opening dimension, inlet (standard)	800 x 434 mm	31 x 17 inch
Noise level (distance 1 m)	With material: 90-113 dB	With material: 90-113 dB
Weight	1000 kg	2200 lbs
Machine dimension (LxWxH) (standard)	4269 x 1200 x 2183 mm	168 x 47 x 86 inch
Motor power	Main motor: 5,5 kW Hydraulic pump: 0,55 kW Pre-crusher: 1,1 kW Pre-crusher HD + agitator: 4 kW + 0,25 kW	Main motor: 9 hp (6,6 kW) Hydraulic pump: 0,9 hp (0,66 kW) Pre-crusher: 2,1 hp (1,6 kW) Pre-crusher HD+ agitator: 9 hp (4,8 kW) + 0,4 hp (0,3kW)
Power supply	3 x 400V, 50Hz, 32A	3 x 230V, 60 Hz, 63A 3 x 480V, 60Hz, 40A
Marking	CE-approved	CE-approved, UL(only components)

\*) Depending on the type and EPS density.



# Compacting EPS (airpop)

## Description

RUNI SK240 screw compactor is the second largest machine for compacting EPS and is recommended for an annual volume of 30-50 tonnes. The screw compactor can compact the EPS (also known as airpop) at a ratio of up to 50:1. Before compacting 50 trucks were needed to take the EPS to landfill and now only one truck is needed. The density of the blocks is approx. 350 kg/m<sup>3</sup>. The compacted blocks can be stacked on a pallet and sold for recycling. 20 tonnes can be loaded on a truck or a container. TURN WASTE TO VALUE!

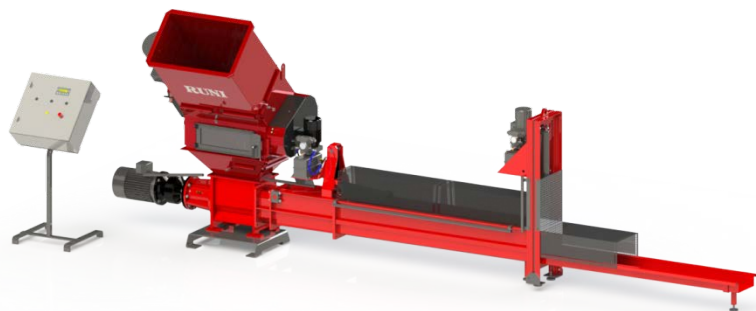


50  1  
 compaction ratio



## Function

The EPS will be precrushed in the hopper and compacted by the screw and the automatic hydraulic jaws into the solid and uniform blocks. The density and size of the the EPS is crucial for the choise of pre-crusher. The machine can be fed manually into a 45° hopper or by conveyor belt into a vertical hopper. The different incorporated sensors ensure easy operation with the automatic start and stop function and adjustable speed. It is also possible to place the compactor below a silo and to buy the automatic block divider.



## Benefit

- Generate income from compacted EPS.
- Reduce cost for warehouse, transport and disposal.
- Reduce manual labour.
- Safe and easy operation with automatic start and stop.

## Option

- Pre-crusher. Available in different configurations and motor sizes.
- Silo solution
- Automatic block divider.