

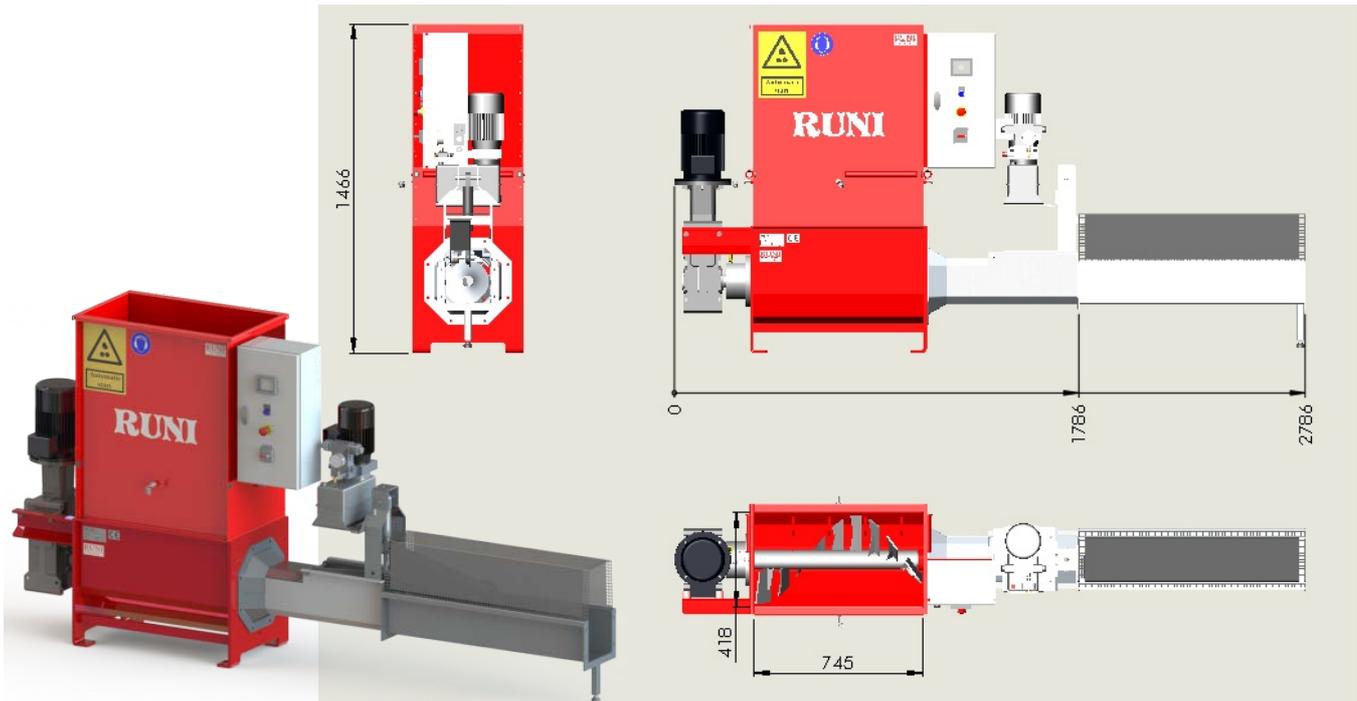


# Compacting EPS (airpop)

## Technical data specification for SK200

### Dimensional drawing

Subject to technical modifications



Technical data	Europe	USA
Material	EPS	EPS
Achieved density *)	350 kg/m <sup>3</sup>	22 lbs/ft <sup>3</sup>
Capacity per hour	45 kg	100 lbs
Daily capacity	500 kg	660 lbs
Block measurement	200 x 200 mm	8 x 8 inch
Feed-opening dimension, inlet	750 x 420 mm	30 x 16 inch
Weight	450 kg	990 lbs
Noise level (distance 1 m)	Standard: 77-100 dB With soundproofing: 68-85 dB	Standard: 77-100 dB With soundproofing: 68-85 dB
Machine dimensions (LxWxH)	2786 x 418 x 1466 mm	110 x 16 x 58 inch
Motor power	Main motor: 4,0 kW Hydraulic pump: 0,55 kW	Main motor: 6,5 hp (5 kW) Hydraulic pump: 0,9 hp (0,66 kW)
Power supply	3 x 400V, 50Hz, 32A	2 x 230V, 60Hz, 40A 3 x 480V, 60Hz, 32A
Marking	CE-approved	CE-approved, UL

\*) Depending on the type and EPS density.



# Compacting of EPS (airpop)

## Description

RUNI SK200 screw compactor is the second smallest machine for compacting EPS and is recommended at an expected annual volume of 10 - 30 tonnes. The screw compactor can compact the EPS (also known as airpop) at the ratio of up to 50:1. Before the EPS was compacted 50 trucks were needed to take the EPS to landfill. Now one truck is enough. The densities of the compacted EPS blocks are 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 in a container. TURN WASTE TO VALUE!



50  1  
 Compaction ratio



## Function

When the EPS is fed into the screw compactor it will be pre-crushed. The screw and the automatic hydraulic jaws will compact the material into solid and uniform blocks. The SK200 is very user friendly and the integrated sensors ensures easy operation with automatic start and stop function and adjustable speed for EPS with different density. It is also possible to place the compactor below a silo.

For retail shops we recommend to have the machine equipped with sound proofing material in hopper and lid.



## Benefits

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

## Option

- Wheels for SK200 – set of 5 wheels
- Lid for hopper
- Soundproofing in hopper and lid – reduces noise with 10-15 dB