

# Compacting EPS (airpop)

## Technical data specification for SK120

### Dimensional drawing

Subject to technical modifications.



Technical data	Europe	USA
Material	EPS	EPS
Density achieved *)	350 kg/m <sup>3</sup>	22 lbs/ft <sup>3</sup>
Capacity per hour	18 kg	40 lbs
Daily capacity	80 kg	175 lbs
Block measurement	120 x 120 mm	5 x 5 inch
Feed-opening dimension	680 x 320 mm	27 x 13 inch
Weight	270 kg	600 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 dimension (LxWxH)	2850 x 450 x 1770 mm	112 x 18 x 70 inch
Motor power	Main motor: 1,5 kW	Main motor: 2,4 hp (1,8 kW)
Power supply	1 x 230V, 50Hz, 16A 3 x 400V, 50Hz, 10A	3 x 230V, 60Hz, 16A 3 x 480V, 60Hz, 10A
Marking	CE-approved	CE-approved, UL

\*) Depending on the type and EPS density

# Compacting EPS (airpop)



## Description

RUNI SK120 screw compactor is the smallest machine for compacting EPS and is recommended for small amounts of EPS with an expected annual volume of up to 10 tons. The screw compactor can compact the EPS (also known as airpop) in the ratio of up to 50:1. Without compaction 50 trucks were needed to take the loose EPS to landfill. After compaction just one truck is enough to transport the densified blocks. The density of the compacted EPS is approx. 350 kg/m<sup>3</sup>. The compacted blocks can be stacked and sold for recycling. RUNI SK120 is the perfect solution for the environmentally conscious retailer, small warehouse and smaller fish processing company. TURN WASTE TO VALUE!



50 >>> 1  
Compaction ratio



## Function

When EPS is fed into the screw compactor it is pre-crushed and follows the screw to the manual jaws that will compact the material into solid and uniform blocks. The SK120 screw compactor is user friendly and equipped with an legible ammeter, to make easy adjustments for compaction ratio with the compaction jaws. In retail shops with smaller confines it can often be advantageous to have the compactor equipped with soundproofing material.



## Benefits

- Reduce cost for warehouse, transport and disposal – generate an income from sales of compacted blocks
- Low cost for use and maintenance
- Affordable price
- Takes up very little space – can be placed under pallet rack
- Safe and easy operation

## Options

- ]) Wheels for SK120 screw compactor with bag holder – set of 4 wheels
- ]) Soundproofing in hopper and lid – reduces noise with 10-15 dB
- ]) Bag holder – for compacting EPS directly into bags
- ]) Bags for SK120 – 500 meters