



Silosystem for EPS(airpop)

Technical data specification

System drawing

Subject to technical modifications



RUNI Silo System shown with 1 screw compactor and a stand alone Heavy Duty pre-crusher, 1000mm (capacity of 500 kg per hour). The system is shown with automatic block divider and crane system for handling EPS blocks.

Production Data (SK370)

Capacity per hour per compactor *)	Ca. 200 kg	(440 lbs)
Achieved density *)	350 kg/m ³	(21 lbs/ft ³)
Block measurement	Approx. 380 x 380 mm	(14,5 x 14,5 inch)
Capacity – Heavy Duty pre-crusher		
1000 mm wide	Ca. 500 kg per hour *)	(1100 lbs)
1400 mm wide	Ca. 750 kg per hour *)	(1650 lbs)
2000 mm wide	Ca. 1000 kg per hour *)	(2200 lbs)

*) Depending on the EPS type and density.



Silosystem for EPS (airpop)

Description

RUNI Silo solution – with focus on the customer's logistic.

Developed for:

- Large volumes of EPS material arriving in peaks.
- Continuous production of ESP material from production or packing line.
- EPS material generated in an area where there is no room for a compactor.



Function

The silo act as a buffer so the operator can fill the pre-crusher with EPS as fast as he wants to. The screw compactor will operate with little or no supervision as long as there is material in the silo.

Benefits

- Space-saving and handling by removing up to 1000 kg EPS per hour.
- Reducing manual labour.
- Optimized logistic by placing the Heavy Duty pre-crusher close to the waste area and silo. Compactor can be placed in separate area.
- Several compactors under the same silo.

Option

- Conveyor belt.
- Solutions for dividing the blocks.
- Crane.
- Solution with 1 – 7 screw compactors.
- Different sizes of Silos – from 20m³ to 150m³.