Compacting PUR
Technical data specification for SK370

Dimensional drawing

Subject to technical modifications.

Technical data	Europe	USA
Material	PUR	PUR
Achieved density *)	350 kg/m³	21 lbs/ft³
Capacity per hour *)	200 kg	440 lbs
Daily capacity *)	5 ton	5 ton
Block measurement	380 x 380 mm	14,5 x 14,5 inch
Feed-opening dimension, inlet (standard)	1400 x 500 mm	55 x 20 inch
Weight	1500 kg	3300 lbs
Machine dimension (LxWxH) (standard)	4469x1350x2150 mm	176 x 53 x 85 inch
Motor power	Main motor: 15 kW Hydraulic pump: 0,55 kW Pre-crusher HD: 4 kW	Main motor: 24 hp (18 kW) Hydraulic pump: 0,88 hp (0,66 kW) Pre-crusher: 6,5 hp (4,8 kW)
Power supply	3 x 400 V, 50Hz, 63A	3 x 480V, 60Hz, 63A
Marking	CE-approved, ATEX-certified	CE-approved, UL(only components)

**) Depending on the density of the material.*

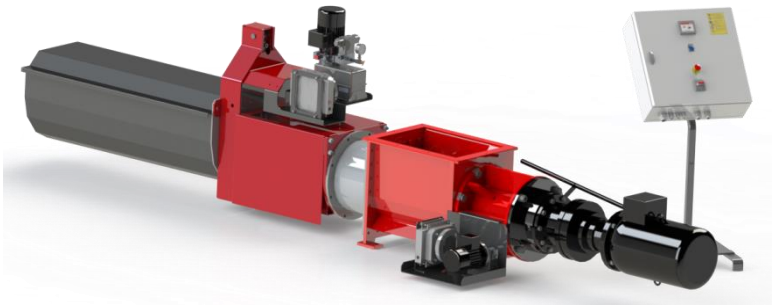
Compacting PUR

Description

PUR (Polyurethan) is used for insulation materials for walls and panels in industrial buildings and cold stores, but also for household appliances and other industrial products. The RUNI screw compactor SK370 can pre-crush and compact PUR into a cylinder shaped block with a density of approx. 350 kg/m³. To make a cohesive block PUR is compacted directly into plastic bags. This way the poisonous PUR dust is encapsulated.

Function

Whole plates and pieces are pre-crushed in the pre-crusher and will be compacted by the screw and the hydraulic jaws. At recycling locations for refrigerators and freezers the SK370 can be installed directly under a silo for collection of PUR pieces. From PUR production dust can be collected from a vacuum system and blown to the compactor via a silo with cell lock. RUNI's ATEX certified model SK370 is approved for compacting PUR without risk of explosions, as the gas constantly is sucked away during the process.



Benefits

- Reduce cost for warehouse, transport and disposal
- Safe and easy operation with automatic start and stop.
- Can be placed under a silo.

Option

- Pre-crusher. Different sizes according to needs.
- ATEX certified system.