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Screw Heat Exchanger SWT

8.2

Description:

The SCHÄFFER Screw Heat Exchanger Type SWT are used for cooling or heating of powders, granules and pasty mass. The heat is transmitted by convection. Dependent on the application, the central pipe of the screw, the screw spirals themselves and the screw trough are either heated or cooled. The heating or cooling medium is separated by a wall from the product.

Design:

The SCHÄFFER Screw Heat Exchanger SWT are customer designed according to the specific application and local conditions. Designs with one or more screws are available. For particularly abrasive bulk materials, coated or steel-plated designs are available as well. The SCHÄFFER Screw Heat Exchanger consists of

- the double-wall housing with integrated heating/cooling guiding system, all necessary process-/ inspection-/ safety spouts
- the screw helix with active cavity blade, flexible mounted sealing head
- support with electrical drive, lateral roller bearing, solid dimensioned sealing

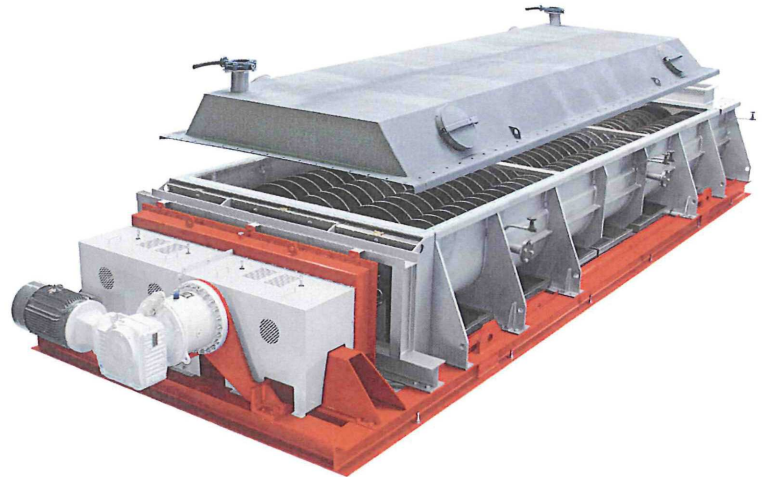
Features:

- Design acc. to European Directive for Pressure Equipment RL 97/23 EG
- Solid design, high reliability
- Wide performance range
- trouble-free installation

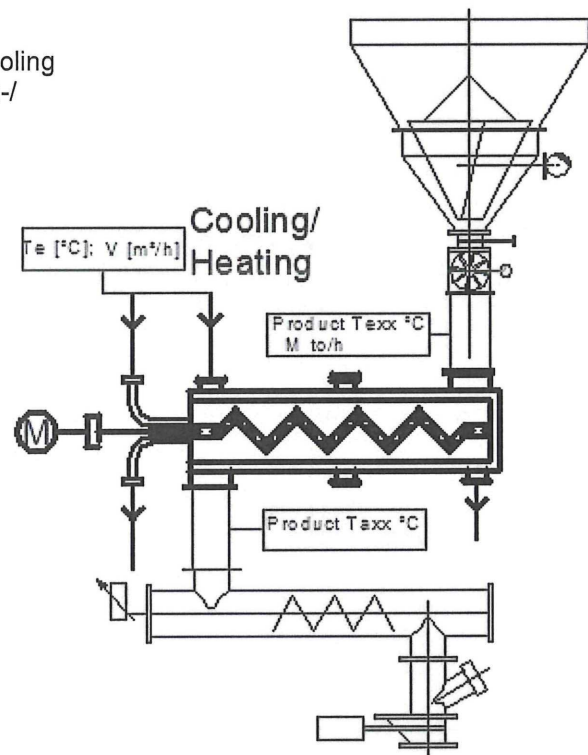
Options / Special Design:

- cleaning spout below inlet
- rotation detection

References: all powdery, granular products



Screw Heat Exchanger SWT



Scheme: installation example

**Components and Aggregates
Solutions for Bulk Handling**