

KSF spiral conveyor

for transporting dry, moist and wet material

KUHN KSF spiral conveyor

Spiral conveyors are used for transporting solid matter and sludge in many branches of industry.

KUHN KSF spiral conveyors can be designed as completely closed systems. Dust, moisture and odour emissions can thereby be avoided. The principle of modular construction allows for customised designs and results in minimal maintenance. The application of high-quality materials ensures a long service life.

KUHN KSF spiral conveyors are suitable for transporting the widest range of materials and can be used in many possible fields:

- Sludge from municipal and industrial sources, especially sludge which has a tendency to be adhesive
- Siftings and screenings from sewage treatment plants
- Waste from canteens, slaughter houses, etc.
- Ash and cinder
- Conveyed material with various particle sizes (household rubbish, industrial waste materials, etc.)
- Raw material for the food industry
- Recyclings from the timber and paper industries
- Bulk materials and the most diverse types of solid matter

Principles of operation

The construction is modular in nature to ensure the highest degree of flexibility as well as to allow a fast and simple adjustment according to your requirements.

The base unit consists of a robust, shaftless steel spiral, made of special or stainless steel, which is carried in a U-channel or a pipe and slowly rotated.

The direct transfer of the conveyed material from one transport spiral to the other is thereby possible and can occur both axially and vertically. Conveyor spirals having profile strengths ranging from 40 x 20 mm to 100 x 30 mm are suitable for high axial loads.

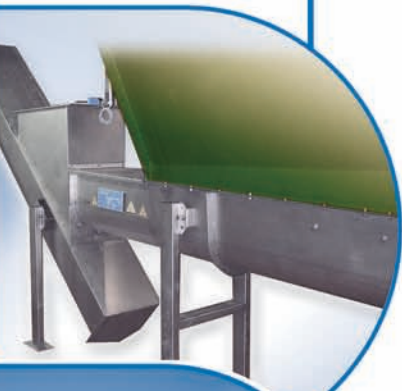
Trough cover, inlet and outlet hoppers, support structures and other accessories will be manufactured according to your requirements.

Conveyors up to approx. 20 m in length without intermediate bearings, and with high inclination angles can be realised. During transport, the conveyed material can additionally be washed out, cooled, heated or dried.

Design (Technical features)

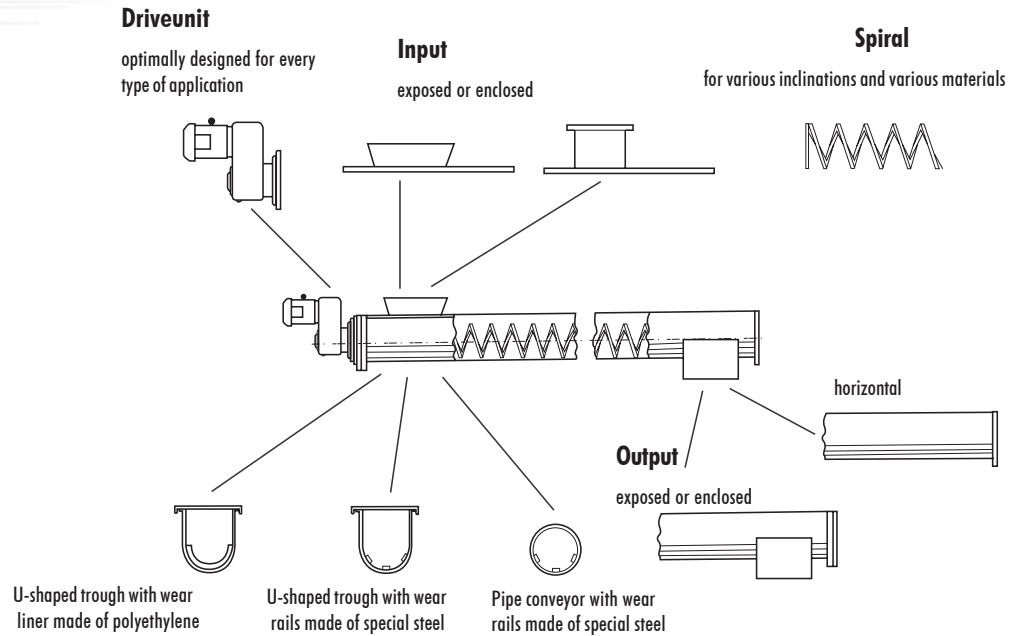
The superior design of our **KUHN** KSF spiral conveyors ensures an optimal operation, both in an ecological and economical sense, and guarantees a long-term return on your investment, owing in part to the following advantages:

- Hygienic protection dimensions in mm.
- Conveyor lengths: up to approx. 20 m without intermediate bearings is possible
- High inclination angle
- Flexible due to modular design
- Additional functions can be integrated along the transport path (cooling, heating, washing, etc.)
- Low maintenance requirements due to wear-resistant construction
- Application of high-quality and robust materials
- Replaceable wear liners



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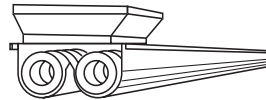


Examples of various fields of application for conveyor spirals

Spiral conveyor with press basket for dewatering



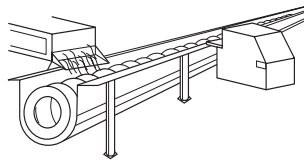
Double conveyor



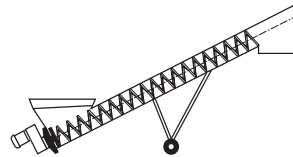
Pipe conveyor



Conveyor spiral systems for production machines



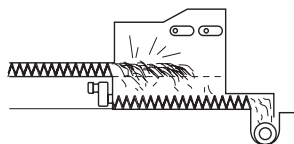
Mobile mechanism



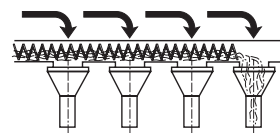
Spiral with washing device



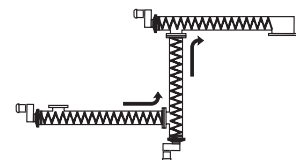
System for feeding in an oven and discharging ash



Conveyor spiral system with several discharge points



Combined system with vertical and horizontal transport



	KSF 150	KSF 185	KSF 240	KSF 280	KSF 390	KSF 470	KSF 530
A	190	230	285	325	435	530	580
B	275	315	370	410	530	615	665
C	190	230	290	330	450	540	600

All dimensions in mm.

We reserve the right to make technical alterations.

