

SCREW PUMPS

SCREENS

SCREENINGS HANDLING

COMBINATED SYSTEMS

GRIT HANDLING

**CONVEYOR**

ELECTRICAL- and AUTOMATION TECHNOLOGY

MEASUREMENT and CONTROL TECHNOLOGY

SERVICE SUPPORT

## SPIRAL CONVEYOR

### KSF-Z (TWIN)

#### Transport of Dry, Moist and Wet Material in two troughs

##### KUHN Spiral conveyor KSF-Z (twin)

are used for conveying and subsequent dewatering of solid matter and sludge in many branches of industry.

In the KUHN spiral conveyor KSF-Z (twin), the material is transported in two completely separate shaftless spirals, which are supported on the drive side and rotate slowly.

Each spiral runs in its own trough. The two troughs are joined together for a design as compact as possible.

**KUHN** KSF-Z spiral compactors are available as completely enclosed systems. This prevents dust, moisture and odour emissions. The modular design principle enables the realisation of individual versions and requires extremely low maintenance. Use of highquality materials ensures a long service life. This opens up a variety of application options:

- Sludge produced by municipal sewage and industry
- Screenings of sewage treatment plants
- Waste from large-scale catering establishments, slaughter houses, etc.
- Cinders
- Conveyed material of varying dimensions (household waste, industrial waste, etc.)
- Raw materials for the food industry
- Recycling material from the lumber and paper industry

##### Technical Features

The superior design of our KUHN KSF-P spiral compactors ensures optimally ecological, safe and efficient operation and secures your investment in the long-term. Reasons include the following:

- Extra compact design with two joint troughs
- Hygienic protection ensured by enclosed system
- Conveyor lengths up to approx. 20m can be realised without an intermediate bearing
- Flexible modular design
- Flexible modular design
- Maintenance-friendly due to reduced-wear design
- Use of superior and robust materials



# SPIRAL CONVEYOR

## KSF-Z (TWIN)

Transport of Dry, Moist and Wet Material in two troughs

### Trough cover

- Can be designed as a completely closed system
- Dust, moisture and odor emissions are prevented
- Individual planned and manufactured

### U-Troughs

Compact design

### Substructure

Individual planned and manufactured

### Spirals

- Waveless and extremely robust
- Mounted on one side of the drive
- Runs separat in two troughs

### In- and outlet funnel

Individual planned and manufactured

