

SCREW PUMPS

SCREENS

SCREENINGS HANDLING

COMBINATED SYSTEMS

GRIT HANDLING

CONVEYOR

ELECTRICAL- and AUTOMATION TECHNOLOGY

MEASUREMENT and CONTROL TECHNOLOGY

SERVICE SUPPORT

GRIT CLASSIFIER

KSK

Solid and Liquid Separation of Grit and other Sediments

KUHN KSK Grit Classifier

The separation of sediment into solids and liquids by means of a **KUHN** KSK grit classifier amounts to a sensible and secure investment. These machines are largely characterised by a high separation rate, low energy requirement and a high degree of operational reliability with low maintenance requirement.

KUHN KSK grit classifiers are mainly composed of a sedimentation tank and an internal shaftless grit classifier. The machine is held by a support structure made of profile steel. The drive is provided by a parallel shaft geared motor with a "slip on" design.

KUHN grit classifiers can upon request be equipped with level-limit sensors. Rigid and time-controlled operation can thereby be transformed into flexible and unconstrained operation. The discharge process will not be activated unless there is a sufficient amount of sediment. As well as a significant reduction in running duration, the service life will be increased and the operating expenses minimised.

Technical Features

- Avoidance of turbulence which affects sedimentation
- High separation rate thanks to our special design principle
- Low energy requirement
- Replaceable wear liners
- High degree of operational reliability due to robust design and high-quality materials
- Little maintenance required
- Large inspection opening
- Additional possibilities for drainage
- Catching of floating matter
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Options

- Level-limit-dependent discharge of grit via an additional vibrating level switch
- Special installation for improved separation



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