

SCREW PUMPS

SCREENS

SCREENINGS HANDLING

COMBINATED SYSTEMS

GRIT HANDLING

CONVEYOR

ELECTRICAL- and AUTOMATION TECHNOLOGY

MEASUREMENT and CONTROL TECHNOLOGY

SERVICE SUPPORT

SCREW CLASSIFIER KSK

**Solid and Liquid Separation of Grit
and other Sediments**

KUHN KWP-S (Standard) Washing Press

The separation of sediment into solids and liquids by means of a **KUHN** KSK screw 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 screw classifiers are mainly composed of a sedimentation tank and an internal shaftless screw 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 screw 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

Options

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



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Optional

Integration for improved
filtration efficiency

**Large-volume
deposit container**

Maintenance window
foldaway

Discharge
Fitting position eligible

Optional:
Limit value sensor

Rest draining

Cover

removable

Influent flow

Discharge

Capable of being adapt

Supports

(adjustable in heights)

Wear liners or wear bars

(removeable)

**Large weir length
with scum baffle**

