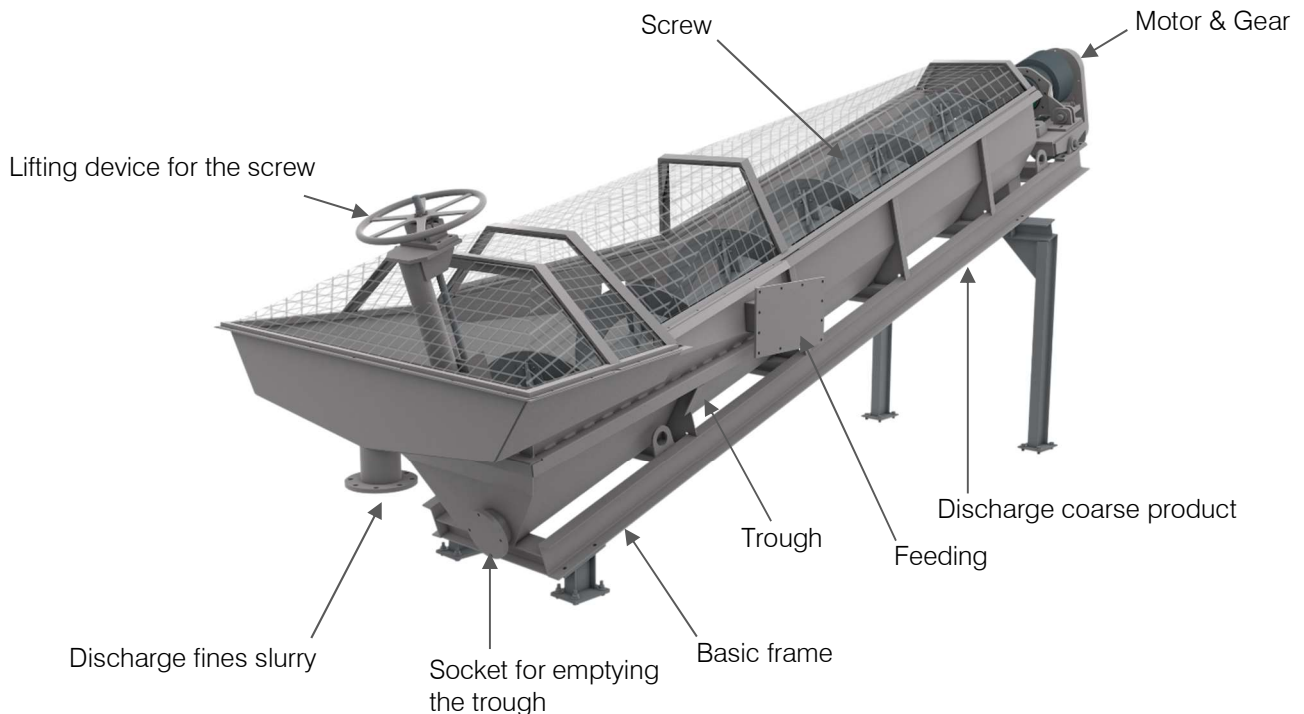


Screw classifier

Efficient dewatering of sand & gravel

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Description of the screw classifier

The core component is the screw driven by an electric motor. In order to avoid unwanted turbulence and to achieve the best possible dewatering effect, reduction gears and bevel gear transmission ensure correspondingly slow and continuous operation. To avoid excessive stress after standstill periods, the screw can be raised to be slowly lowered again after restarting operation. The sufficient distance between the trough bottom and the screw causes a cushion of material to build up over the entire conveying length, thus avoiding wear on the trough bottom. The underwater bearing is sealed 6-fold against the ingress of water and particles. PU, rubber or hard metal can be offered as wear protection for the screw conveyor blades.

Technical data BSK

Portfolio Screw classifier

Screw size [inch]	24 / 36 / 42 / 48 / 54
Sand & gravel output capacity [t/h]	3 – 175
Water capacity for fines separation [m³/h]	< 100
Trough length [mm]	4070 – 8000
Trough inclination [°]	18.5
Power [kW]	3 – 15

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