

Log washer

Efficient lauterung of sand & gravel

binder+co

we process the future



The Binder+Co log washer: reliable cleaning of gravel and sand

The log washer from Binder+Co is the ideal preparation for post-classification to remove friable grains and clay nodules from the raw material. Even heavily contaminated construction raw materials and industrial minerals are efficiently processed. The cleaning process begins with the contaminated material being fed into the log washer at the lower end of the trough. The counter-rotating paddle shafts transport the material to the upper end of the trough. Under impact stress and friction, the loamy and clayey components are released so that they are finely dispersed in the water. The machine discharges the refined material at the upper end of the trough; impurities and light substances are separated with the water at the lower end of the trough. To increase the discharge of dissolved particles and light substances, an optional upstream device can be installed.

The advantages of the Binder+Co log washer for sand and gravel refining

Based on its robust design, the Binder+Co log washer fulfils demanding tasks even under the toughest conditions, while remaining maintenance-friendly and low in operating costs. Impurities and light fractions such as wood and plastics are reliably discharged via the rear overflow weirs.

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RELIABLE
CRUSHING



EFFICIENT
SCREENING



WET
PROCESSING



THERMAL
PROCESSING



SENSOR-BASED
SORTING



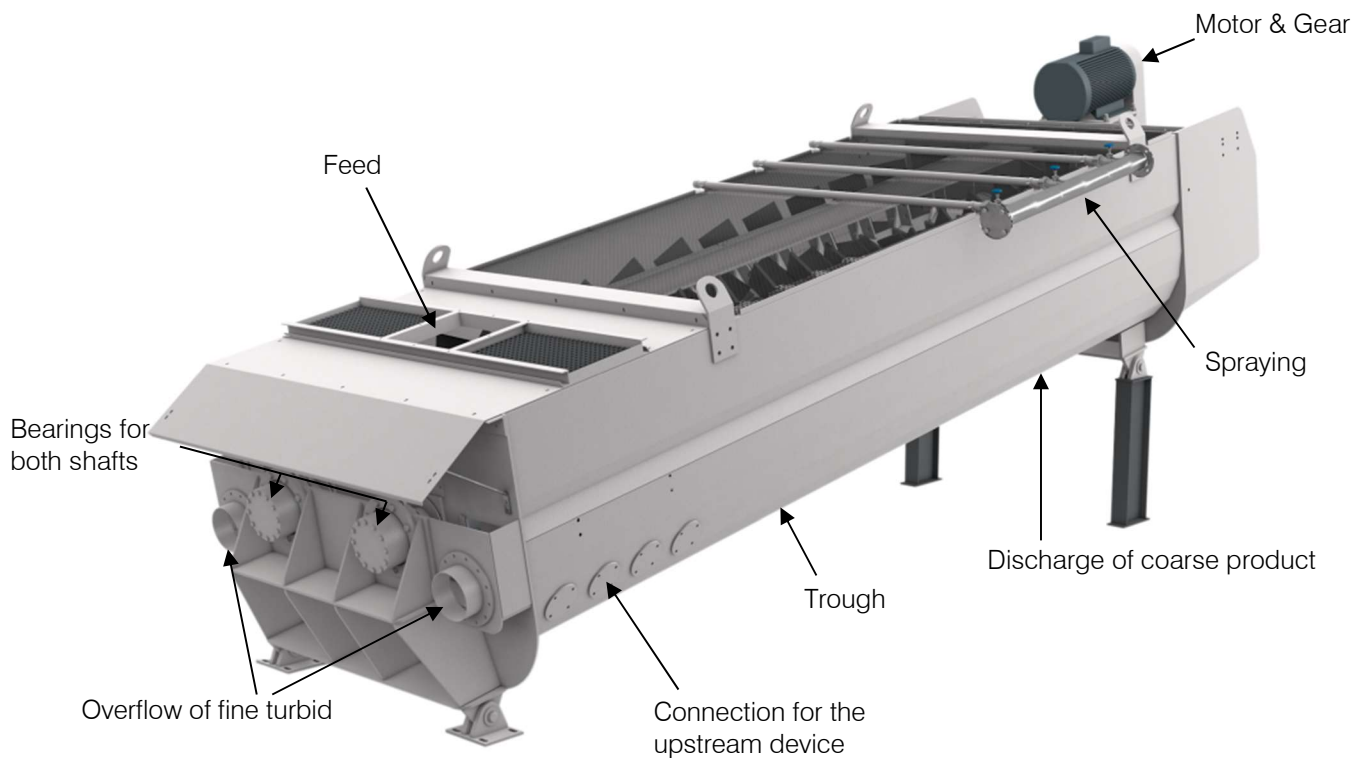
BAGGING
PALLETIZING

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The Binder+Co log washer: how it works

The drive is provided by an electric motor that drives the two paddle shafts in opposite direction via a gearbox. The paddles are bolted to brackets welded onto the shafts. The paddles are made of highly wear-resistant steel. The inclined washing trough is made of folded sheet metal and includes the drive displacement, bottom discharge flaps, water drainage spout, a turbid collection channel with overflow spout, a trough cover with inlet opening and the spraying system. Optionally, an upstream device can be installed.

Technical data

Portfolio Double shaft log washer BDSW

Capacity sand & gravel [t/h]	40 – 400
Spraying (excl. upstream device) [m ³ /h]	30 – 80
Trough length [mm]	4000 – 8000
Trough width [mm]	2050 / 2250 / 2450
Inclination of the trough [°]	8 / 10 / 12
Power [kW]	22 – 110

