

## CELTEC GmbH is specialised in the areas of reject treatment and sludge thickening

CELTEC GmbH is your competent partner in the paper and pulp industry regarding the preparation of rejects and sludges.

CELTEC's objective is to offer the user flexible and customer oriented solutions and to reduce disposal costs with its delivery program, as well as recover materials with the units and machines.

CELTEC reject presses are used in waste disposal center and in the waste paper recycling field.

## Rejects Treatment

### Reject ScrewPress

Drainage of coarse and fine rejects up to fibre sludge drainage. 0.8-3 bdmt/h capacity. We have optimised an established technology for you!

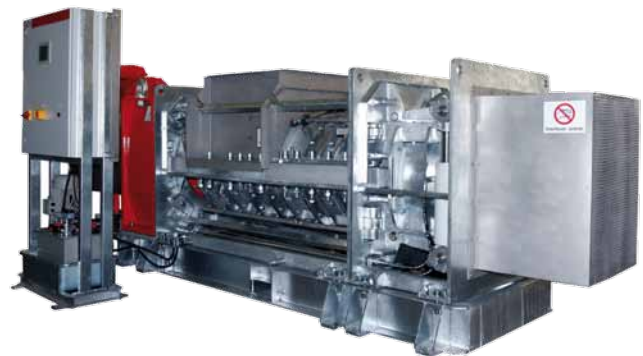
Economic viability through a maximum final dry substance content and the reduction of waste disposal costs; operational safety through a stable design; low maintenance costs through screwed on design – quick dismantling and assembly.

Reject ScrewPress Type SP

- Typen: 400 / 600 / 700
- Design for coarse rejects from various accumulation spots.

Reject ScrewPress Type SP-F

- Typen: 400 / 600 / 700
- Specially designed for applications with low inflow dry substance contents and high proportions of fibre.



### Fine Reject Press

Separation and thickening of fine rejects with floating substances (fibres). In-flow consistencies from 0.5% onwards; capacity up to 80 m<sup>3</sup>/h or 16 bdt/d.

Stainless steel design, which can be universally used; screw set on both sides → less wear and tear on the screen basket; protection from wear and tear through tungsten carbide coating → long auger life; special wear and tear ring protects the screen basket against wear and tear at the end of the auger; spring loaded valves → better tightness when starting up.

Fine Reject Press Type HSP

- Typen: 520 / 780 / 1040



## Heavy Particle Separator

Separation of heavy and large parts (e.g. of heavy particle sluice gates at the pulper). Capacity up to 2,000 l/15min and 1.2 m<sup>3</sup>/h discharge of solid particles up to a size of 400mm.

Due to the pulling design the product has a low construction height at the machine feed, therefore as well no shaft seal in the wet area. The wear and tear strips protect the housing and the perforated sheet. Based on the low number of revolutions, a long life time is guaranteed. Easy maintenance - the perforated plate and spirals can be easily dismantled with a few screws.

Heavy Particle Separator Type HPS

- Typen: 420 / 500 / 600



## SandSeparator

Separation of sand (e.g. of Cleaner rejects); Capacity: throughput 8 to 36 l/s and 0.8-2 m<sup>3</sup>/h Discharge of solids.

The large sedimentation surface assure low sedimentation speeds for small particles. The large dimensioned drainage grooves ensure secure water outlet. Reject at the discharge point is dry on the surface.

SandSeparator Type SS

- Typen: 250 / 300 / 500