



ANDRITZ SEPARATION
BACKUP SCREENS

FOR FILTRATION BASKET CENTRIFUGES

ANDRITZ

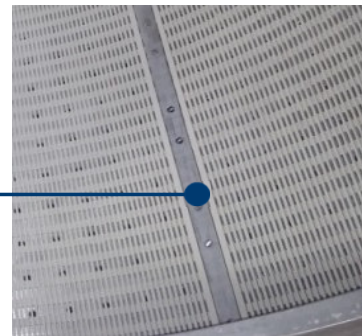
ENGINEERED SUCCESS

SOPHISTICATED DESIGN FEATURES



New backup screen design replacing the old two-layer mesh

- Easy and quick installation (less than 1 hour instead of one day)
- Reduction of down times for major inspection
- Improved open filtration area decreases feed time due to higher filtration rate
- Less product deposits in and under the support material leads to higher filtration capacity
- No wire parts in filtrate



BOLTED FIXATION

Easy mounting, due to bolted fastening

RELEVANT MACHINE TYPES



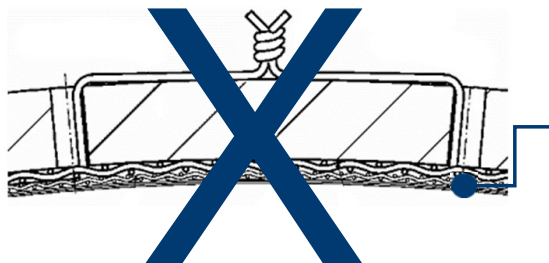
Horizontal Peeler Centrifuge



Gypsum Centrifuge



Vertical Peeler Centrifuge



REDUCED DEPOSITS UNDER THE SUPPORT MATERIAL



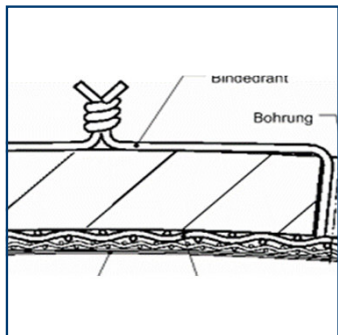
NO WIRE PARTS IN THE FILTRATE

OLD DESIGN



Distance mesh & support mesh

Drainage system by two layers of mesh between basket and filter cloth



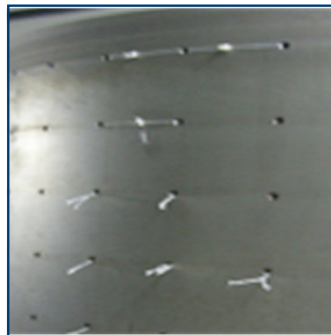
Fixation

Drainage system manually mounted on the basket by binding wire (metal/plastic)



Breaking Wires

Breaking of binding wire entering filtrate way



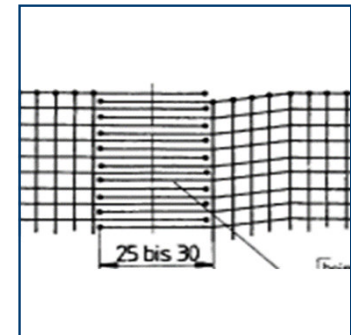
Blocking

Blocking of distance and/or support mesh with product => reducing filtration capacity !!!



Installation

Time consuming installation of drainage system; Careful and precise installation necessary



BENEFITS

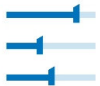


Customer's perspective



Quality

- No wire parts in filtrate way
- Better cleanability of filtration



Throughput

- improved open filtration area decreases feed time due to higher filtration rate



Availability

- Reduction of down times for major inspection by 1 day (~15-20%) and less man power
- Fast mounting of support screen (< 60 mins)



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