

SORTING YOUR WASTE

STAR / DISC SCREEN

The star or disc screen is designed to sort out difficult material in two fractions at high capacity and efficiency.

A conveyor feeds the star or disc screen with an even flow. The screening process begins on the screen deck where the rotating screening elements are turning in forward direction and loosen the material. Because of the shape of the discs and its high speed, the material is hit, loosened and pulled apart in an aggressive way. Because the speed is so high, the layer will be thin, making the screening very effective.

The coarse fraction is transported across the screen deck and falls off at the end of the screen. The fine material falls down through the screen deck. Both coarse fraction and fine fraction can feed a second screen for further separation. Our high capacity screening systems can be supplied with either star or disc shaped screening elements. These are available as a single- or cascade screen solution depending on customer wishes and application-related requirements.

SPECIFICATIONS

Dimensions

Screen size	10 to 500mm
Screen dimensions	1200—3000mm width 3000—12,000mm long
Screening elements	stars in rubber or steel, disc screen Ø 170, 250, 350 or 650mm

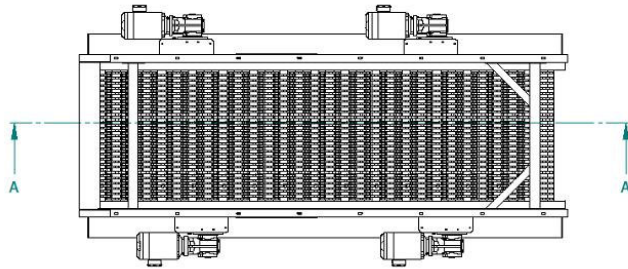
Applications

- biomass such as forest residue
- construction and demolition waste
- paper and cardboard
- old corrugated cardboard (OCC)
- commercial waste
- breaking glass and screening out glass from plastic bottles and cans
- specific industrial waste
- single stream waste
- co-mingled waste
- separating stones from sand
- other materials upon request

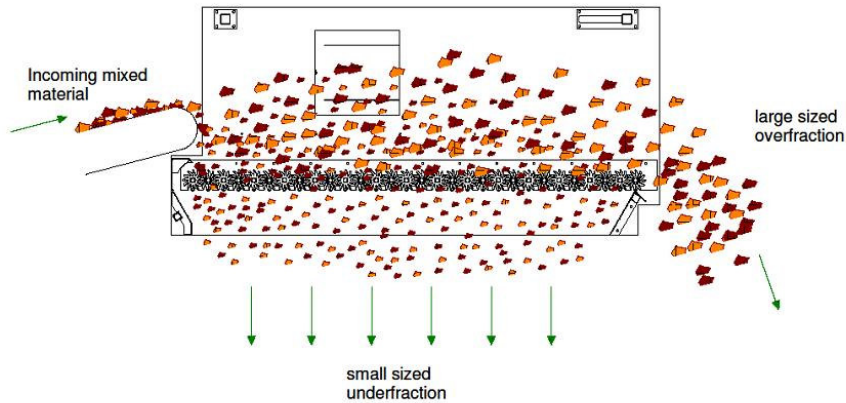


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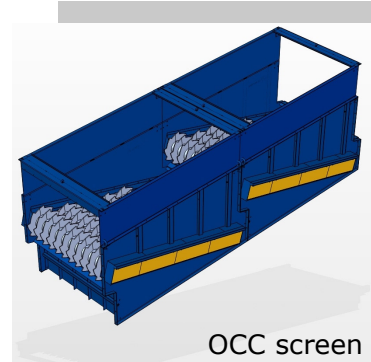


The starscreen classifies material by size

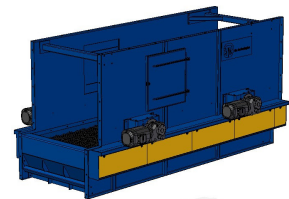


ADVANTAGES

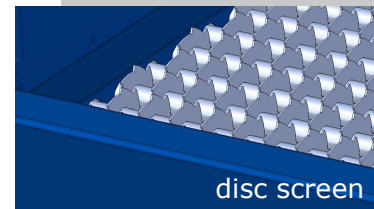
- high throughput
- aggressive material handling
- proper screening
- changing screen size by altering speeds
- screens can be placed in cascades making more sizes possible
- no irritating vibration due to smooth running
- low sound levels
- longer life expectancy due to over-dimensioned bearings and sprocket wheels
- simple yet effective motor suspension
- easy integration of different motor types
- shafts are driven by a chain from the motor, therefore no quick damage of coupling
- separately replaceable shafts
- integrated conduits for electrical wiring
- modular design



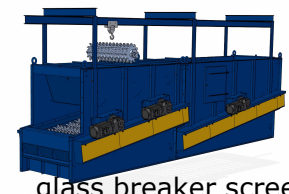
OCC screen



star screen



disc screen



glass breaker screen

Interested ?

Please contact our distributor for the UK and Ireland.



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