

BRECHT HOLL FIBER CLASSIFIER

The size of the pulp fibers have a strong influence on the mechanical properties and for the quality of paper and board.

The fiber classifier is used for the separation of pulps into fines, coarse and usefull fibers fractions. Chips and fibre beams which cannot pass through the slotted plate are detected.

The design is based on a pulsating membrane, sieves and contineous water flow, and therefore the separation of the different fractions is done smoothly without any damage to the fibers or change in their original characteristics.

Typical users are pulp and paper industries and research institutes of forestry and pulp.



Features

- Simple fractionator, easy-to-use
- Solid stainless construction
- Simple screen exchange : three different interchangeable classification elements
User can fraction his sample up to four fractions

Physical specifications

Slotted plate

Slot width 0.2 mm, slot length 20 mm

Dimensions

50 x 50 x 60 cm (WxHxD)

Net Weight

38 kg

Standards

ZM VI-166

Performance data

Classification

- one ring mounted 50 mesh wire screen gauze
- one ring mounted 120 mesh wire screen gauze
- one ring mounted membrane with 0.2 x 20 mm slots

Motor

Driven by three phase electric motor and excentric with adjustable amplitude of the pulsating membrane for 6 or 12 mm

Power supply

220 V, 50/60 Hz, 900 W, single phase

Water supply

0.5 bar, clean, pure

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