

HIGH CONSISTENCY PULPER

High Consistency Pulper is equipped with a special cast cum fabricated rotor having revolving at moderate speed. It is used for optimum fiberization of waste paper / broke at low specific energy consumption and low fibre losses.

Operating Principle:

The Geometry, profiles, curvatures and large surface area of rotor transmit the energy to fibers and generate fiber friction due to high consistency. This process leaves the contaminants uncut and helps to retain the fiber in its original shape. The uncut plastics & other contaminants are then removed from Decontaminator.

Applications:

- ❖ Writing & Printing Mills
- ❖ Newsprint Mills
- ❖ Board & Kraft Mills



Salient Features:

- High consistency pulping gives better slushing at lower specific energy, chemicals, and thermal energy consumption.
- Easy separation of fibers and contaminants.
- Sturdy construction with easy to install.
- High operating consistency from 15 to 18% depending on the type of furnishes.
- The fiber length is maintained in original shape thereby improving the quality of paper.
- Excellent defiberizing due to mechanical fiber to fiber friction.
- High operating consistency helps easy separation of Ink from the fibers.
- Well suitable for the treatment of stock requiring both thermal and chemical treatment mainly for stock to be deinked.
- Cuts down the consumption of deinking chemicals substantially.
- Low specific space required assures higher productivity.
- Defined degree of disintegration due to batch operation.
- Low specific power consumption.
- Long life and economic in cost.

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