

HOLLANDER BEATER

CATALOGUE NO.: GEC-P40314

Hollander Beater is used for uniform treatment of pulp under standard condition for producing the pulp as per commercial production. A beater beats and crushes raw material, bruising and driving water inside the fibers and creating thread-like hairs called fibrils, which are still attached to the fiber. The greater the fibrillation the greater the surface area and the more sites for Hydrogen bonding to occur.

Test Description :

A measured amount of pulp of specific stock concentration is beaten between the bars of the roll and the bedplate of a beater. An amount of the pulp is taken in a tub is filled with water and maintain the temperature as per specified. The beaten pulp is a standard specimen for the testing of the physical properties of pulp.



APPLICABLE STANDARDS:

TAPPI T200, ISO 5264/1, SCANC25

Salient Features:

- MS fabricated tub lined with stainless steel ground and polished.
- Sturdy construction with optimum safety.
- Easy to clean and low maintenance.
- Floor stand with motor and V belt.
- Roll height adjustment is by a handwheel located on the outer end of the arm.
- Beater roll mounted in ball bearings in the tub valves to prevent spring action during beating.
- Beater roll made of special non-rusting alloy.
- Net tub volume 200 litres of 5 kg bone dry pulp at 2 - 3% concentration.

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Engineering Corporation



www.gecpaper.com

Global Engineering Corporation

82, Ganga Sagar Scheme, 200 Feet Bypass,
Sirsi Road, Jaipur-302021

Tel: +91-141-5179040, 2470290, Fax: +91-141-5179040

Email: sales@gecpaper.com

Visit us at: www.gecpaper.com

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