

Centrifugal Impact Mill

The Model CIM-24-SS is a 24-in. sanitary stainless steel centrifugal impact mill that provides coarse to fine grinding (325 mesh) of friable materials into controlled particle sizes as well as lump breaking and conditioning of fibrous materials. High-speed rotation of the inner disc creates centrifugal force that accelerates bulk material entering the central inlet of the opposing stationary disc. As material travels from the center to the periphery of the discs at high speed, it passes through five intermeshing rows of rotating and stationary pins, with the desired tight particle size distribution obtained by controlling the rotor speed. Setting the infinitely variable rotor speed between several hundred rpm and 5,400 rpm provides the flexibility to use the machine for coarse grinding and de-agglomerating as well as for fine grinding.

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