



this month's topic **Solids Handling**

Cylindrical Ribbon Blender Achieves Near-Complete Discharge



The Model 42C cylindrical ribbon blender is designed to mix dry powders, wet granulations, and paste-like materials with densities up to 100 lb/ft³. It can be built for atmospheric, full vacuum, or pressurized

operation, and it is available in sizes from 1/2 ft³ to 1,000 ft³ working capacity. A variable-speed double-ribbon agitator driven by a gearmotor provides uniform mixing. Precisely pitched inner and outer ribbons produce a well-balanced axial and radial flow pattern within a batch. Tightly controlled clearances between the horizontal agitator and the cylindrical vessel help to ensure thorough blending and promote near-complete discharge. Various standard, heavy-duty, and sanitary models are available. The blender is offered in Type 316 stainless steel, Type 304 stainless steel, carbon steel, and other alloys.

Charles Ross & Son Co.

www.mixers.com

Pin Mill Allows Rapid Cleaning



The Model CIM-24-MS pin mill grinds, sizes, de-agglomerates, and homogenizes materials to achieve controlled particle sizes from coarse to fine. It is equipped with a

stationary outer disc and a rotating inner disc that is driven by a 40–60-hp motor. Quick-release bolts disconnect the stationary outer disc, which swings out on a cantilevered arm to provide full interior access to both discs for rapid cleaning or sanitizing. The inlet feed of the stationary outer disc can be equipped with flanged, threaded, or other fittings for gravity-fed or inline-pneumatic applications. High speeds, up to 5,400 rpm, pulverize friable powders, flakes, and granules into fine grinds; slower speeds, down to several hundred rpm, provide coarse grinding and de-agglomerating. The 24-in.-dia. pin mill can handle materials such as starches, sugars, vitamin powders, grains, sodium compounds, fertilizers, resins, and clays.

Munson Machinery Co., Inc.

www.munsonmachinery.com

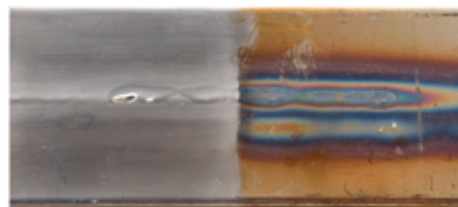
Rotary Level Indicator Ensures Immediate Notification to Prevent Overfilling

This adjustable rotary level indicator can be used as a high-level indicator in bins, tanks, and silos. The rotary element can be moved up and down the length of a rigid shaft extension, which helps accommodate changing product levels. The coupling can be adjusted from 6 in. to 72 in., depending on the length of the extension. The ability to adjust the coupling allows operators to easily make changes to the high-level alert position without entering the bin or replacing the device. The adjustable rotary feature is available for both the BMRX and MAXIMA+ rotary power packs. The level indicators have a rugged construction with a screw-off cover for easy access to internal components, as well as dual conduit entrances to simplify wiring. The company offers a large selection of paddles that are compatible with the device.

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