



Company News

Munson Screen Classifying Cutter with 2x Infeed Hopper

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Utica (NY), United States -

A new Munson Model SCC-15-SS Screen Classifying Cutter with a double-width infeed hopper accommodates conveyor-feeding of irregular shapes and sizes of hard, soft and/or fibrous materials by gravity.



Infeed hopper length is twice that of the feed throat to accommodate conveyor-feeding of irregular shapes and sizes of hard, soft and/or fibrous materials.

The 76 cm wide hopper funnels materials into a 38 cm wide throat positioned over an 279 mm diameter solid-mass rotor containing staggered parallelograms, each of which holds two, 12.7 mm wide cutter tips that are easy to replace using one machine screw.

As material enters the infeed chute, it is subjected to successive mechanical shearing against bed knives until small enough to pass through bedscreen apertures, resulting in uniform size reduction from coarse down to 20 mesh with minimal fines or heat generation, at high rates with reduced energy use.

Bedscreen perforations range from 0.8 to 51 mm in diameter and up to 76 mm square. The shaft rotates at 30 to 3600 RPM, producing up to 14 m³/h of sized product, depending on application.

The cutter is fabricated with material contact surfaces of #304 stainless steel, and is powered by an optional 5.6 kW gear motor drive.

Commonly-reduced materials include bulk foods, spices, sugar cane and hemp stalks, tobacco, plastics, batteries, brake pads and compounds, chemicals, clays, coal, minerals, detergent blocks, fibreglass insulation, filter cake, gypsum, ceramic honeycomb filter media, carbon/aramid fibre, leather, glass bottles, trim stock, wood products and thermoplastic scrap.

Also offered are SCC models with 279 mm diameter rotors and throat widths of 254 mm, 763 mm, 1219 mm, 1524 mm or 1829 mm, in addition to Mini Cutters for low-volume and laboratory applications, and Magnum Cutters with 457 mm diameter rotors for higher production rates. All are offered in industrial, abrasion resistant and food-grade construction.