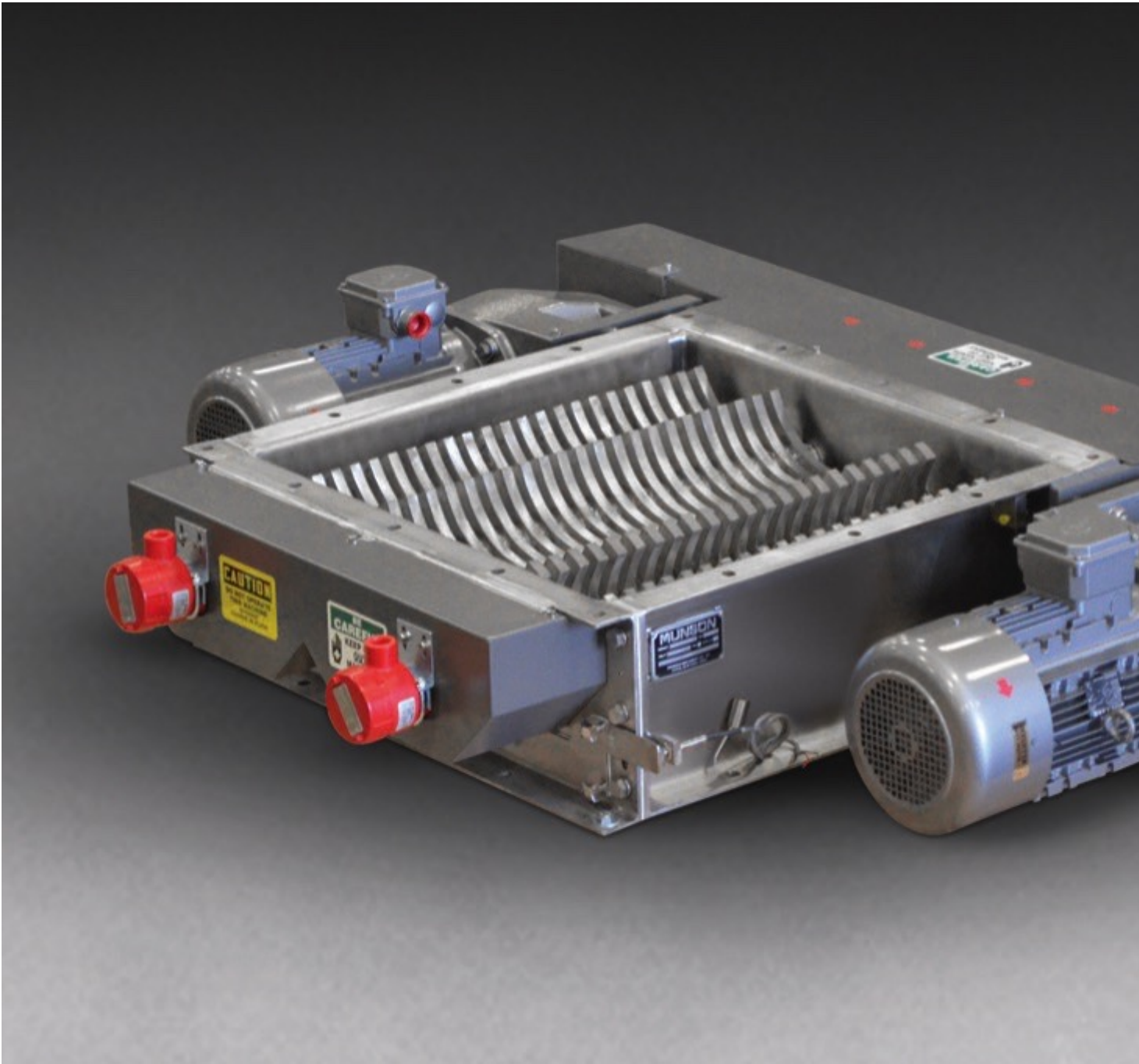


Product News

Munson Machinery: New Lump Breaker reduces Agglomerates and compacted Materials to original Particle Sizes

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Utica (NY), United States -



DeClumper lump breaker with dual drives fits gaps as small as 279 mm between upstream and downstream equipment. Interlocked side-removal bedscreens allow rapid cleaning, changing or inspection without tools.

Material entering the 762 mm square inlet is reduced in size by four rotors with three-point, single-piece breaking heads rotating with minimum clearance inside twin, curved, perforated bedscreens. On-size material exits through apertures in the bedscreens ranging from 25 mm diameter to 64 mm square. Munson states that, unlike conventional units that must be unbolted from upstream and downstream equipment to access bedscreens, the unit is equipped with

interlocked side-removal bedscreens that can be removed without tools for cleaning, changing or inspection. Dual, independent 7.5 kW motors with gear reducer and chain and sprocket drives provide added capacity and redundancy, rotating the synchronized shafts at approximately 120 RPM to avoid heating the product. The unit is recommended for deagglomeration of free- or non-free-flowing bulk chemicals, fertilisers, flakes, cement powders, carbon black pellets or hygroscopic products, and size reduction of large chunks of friable products and compacted powders. According to the company, it is constructed to withstand heavy usage and is simple to maintain; bearings can be lubricated through external fittings and are isolated from the product processing area with air purge block seals, and can be fitted with optional air purge packing seals with split housings. It is constructed of #304 stainless steel finished to sanitary standards and is available in #316 stainless steel, carbon steel, and abrasion-resistant steel (AR-235). Other models are available with one to four rotors, single or dual motors, and inlets/outlets from 305 to 1220 mm in square or rectangular configurations. DeClumper lump breaker with dual drives fits gaps as small as 279 mm between upstream and downstream equipment. Interlocked side-removal bedscreens allow rapid cleaning, changing or inspection without tools.