



Product News

Munson Machinery: Sanitary Paddle Mixer

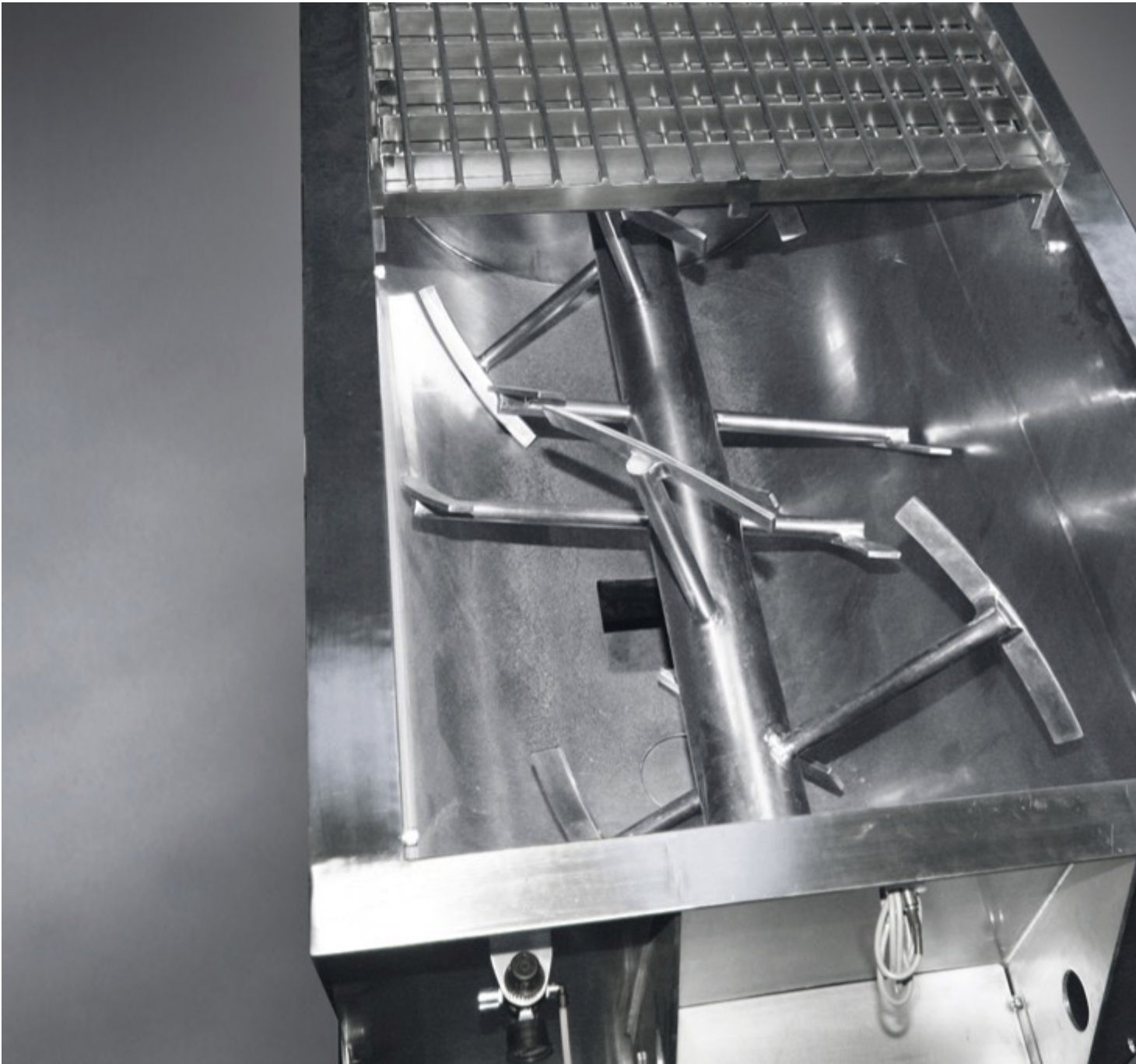
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Utica (NY), United States -



Model HD-2.5-5-SS Sanitary Paddle
Blender blends high bulk density
materials with total uniformity in five to
10 minutes typical.

Intended for food, nutraceutical, pharmaceutical and other contamination-sensitive materials, as well as corrosive bulk chemicals, the "HD" Heavy Duty Series machine features a heavy-gauge, stainless steel U-shaped vessel of extreme rigidity, allowing tolerances of 1.6 to 3.175 mm between the outer paddle edges and the trough wall, minimising the amount of material remaining in the vessel following discharge of blended batches.

The unit's rotating paddles are forced through the batch with less resistance and shear than imparted by ribbon-type agitators, creating small zones where materials are repeatedly combined as they move slowly along the length of the vessel. The blending action achieves uniform particle distribution throughout bulk solids having poor flow characteristics, as well as solids with low or high percentages of liquids, allowing the production of smooth slurries and pastes.



Paddle geometry is customized by application for efficient performance.

Powered by a 7.5 kW motor with a helical gear reducer, the agitator is comprised of welded paddles projecting radially from the main shaft, which is flange-mounted for easy, vertical removal, conserving floor space.

All Munson horizontal blenders are equipped as standard with hinged and gasketed cover sections, and removable safety grating with safety interlocks.

Optional internal spray manifolds are available for liquid additions. Other mixing and blending machinery offered by the company includes Ribbon and Plow Blenders, Rotary Batch Mixers, Vee-Cone Blenders, Fluidised Bed Mixers, Variable Intensity Blenders and Rotary Continuous Mixers. Size reduction equipment includes Screen Classifying Cutters, Pin Mills, Attrition Mills, Lump Breakers, Rotary Knife Cutters, Hammer Mills and Shredders.