



Product News

Munson Machinery: Ribbon Blender has integral Bag Dump Station

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Utica (NY), United States -

Dust is drawn onto cartridge filters of the dust collector, as nozzles within each filter alternately emit short blasts of air on a timed cycle, serving to dislodge accumulated dust and maintain vacuum efficiency. The unit can blend up to 2.4 m³ of powders, pastes or slurries in five to 10 minutes depending on application. Its length-to-diameter ratio and split double-helical agitator reduce the time required to uniformly distribute particles having dissimilar sizes, shapes and bulk densities throughout the batch. Tight tolerances of 3.175 to 1.587 mm between the ribbon blades and the vessel trough minimise residual product following discharge, reducing material waste and cleaning time. Hand-held sacks are slit and dumped through a welded grate which helps trap oversized lumps and bag scraps, as airborne dust is drawn away from the operator. At the opposite end of the blender, a hinged lid with removable, safety-interlocked grate as standard provides access to the vessel interior for cleaning and inspection. Powered by a 22 kW motor and constructed of stainless steel, the unit is available to industrial, pharmaceutical and food-grade standards, ranging from clean mill finishes to 2B, #4 and #7 mirror pharmaceutical finishes to sanitary USDA Dairy finishes with electroplating and chemical passivation. Other options include a removable safety-interlocked grate on the dump station for additional interior access, spray lines for liquid additions, a central inlet port, multiple discharges, special drive arrangements and CIP manifolds. Models range in capacity from 28 l to 33 m³.