



Product News

Rotary Batch Mini Mixer resists Abrasion

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Utica (NY), United States -

A new abrasion-resistant Rotary Batch Mini Mixer model MX-10-AR blends up to 283 l of aggregates, metal powders, pigments, sand, chemicals, reinforced thermoplastics and other abrasive materials, with or without liquid additions, in ratios down to one part per million with total uniformity in two to three minutes.



Munson's Rotary Batch Mini Mixer features internal surfaces of abrasion-resistant steel, including proprietary mixing flights welded to the rotating drum. (Picture: ©Munson Machinery Company, Inc.)

The unit is equally efficient down to 15 percent (28 l) of rated capacity, regardless of disparities in bulk densities, particle sizes or flow characteristics, making it suitable for laboratory testing, pilot production, or documenting of outcomes when scaling up to larger Rotary Batch Mixers.

High-wear internal surfaces are of abrasion-resistant steel, including proprietary mixing flights welded to the rotating drum. The flights gently tumble, turn, cut and fold the material, achieving homogeneous blends with no shear, while directing the entire batch toward and through a stationary plug gate valve with no residual waste or product segregation.

Equipped with a large access door and Swing-Away Intake Chute, the mixer is available powered by a worm-reducer to a chain and sprocket drive with enclosed drive guards as standard.

Six Rotary Batch Mini Mixer models are offered in maximum batch capacities of 7 to 425 l. Large-scale, in-line Rotary Batch Mixers are available in maximum batch capacities of 142 l to 17 m³.