



Product News

## **Munson Machinery: Variable Intensity Continuous Blender for Pastes, Slurries**

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*Utica (NY), United States -*



Munson's Variable Intensity Blender with six injection ports allows liquid additions in small to large volumes to be combined with bulk food, chemical or pharmaceutical materials to produce pastes and slurries at high rates.

A large-diameter solid main shaft rotating within the cylindrical vessel is supported by externally mounted bearings with air-purged seals. Large radius welds connecting paddle arms to the shaft permit rapid cleaning and sanitising. For non-sanitary applications, optional agitators with threaded paddle shafts can be individually adjusted for pitch up to  $180^\circ$  to impart various degrees of blending intensity. The agitator is driven by a 15 kW explosion-proof inverter-duty motor with enclosed gear reducer and variable frequency drive that can rotate the agitator at speeds from 600 down to 120 rpm with no overheating. For wash down, water or cleaning solution is introduced through the ports before running the

machine to dislodge any solids adhering to interior surfaces. For difficult-to-clean materials, an available gate at the outlet of the discharge chute allows the vessel to be partially filled with water or cleaning solution prior to running the unit. In either case, it can be drained through a flanged outlet on side of discharge chute. Contact surfaces and/or the entire support structure are offered in #304 or #316 stainless steel, carbon steel or exotic materials.