

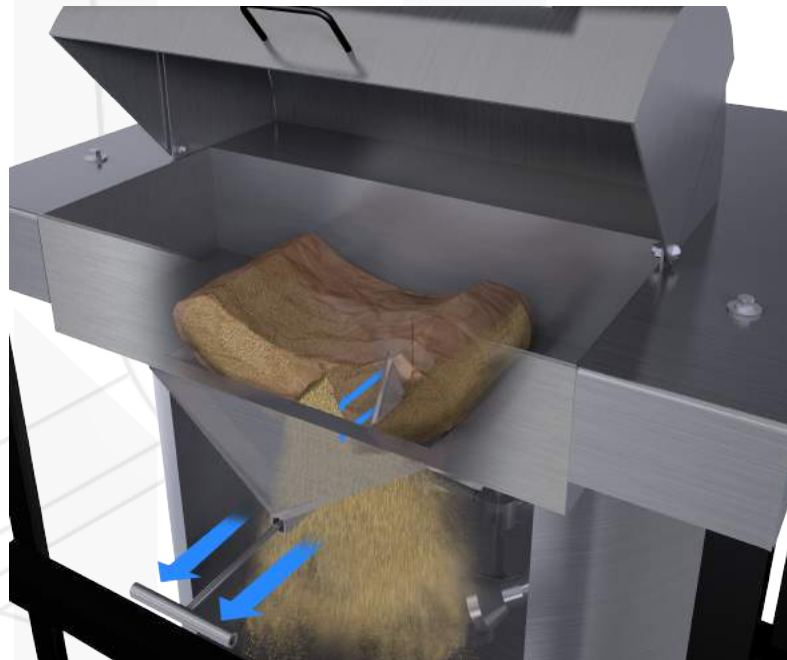
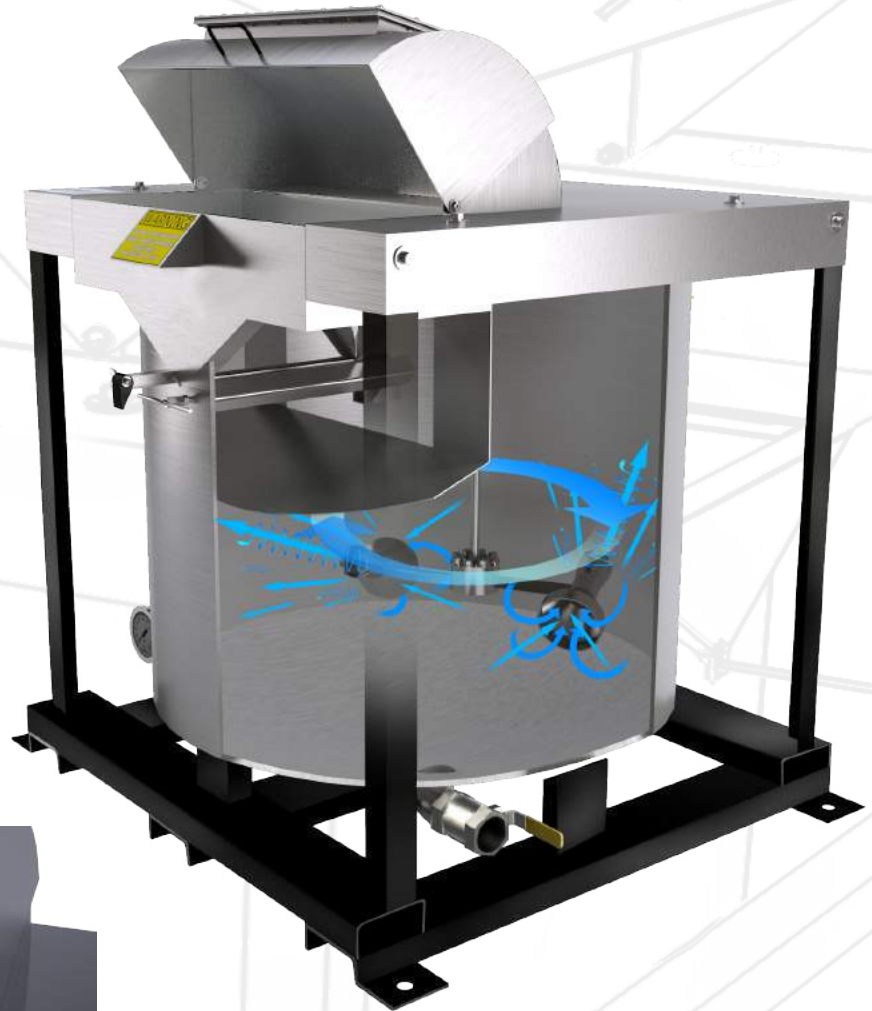
SAFECEM Mixing Tank

A Better Choice for Mixing

Features and Benefits

- Uniformly mixes and blends liquids with varying viscosities
- Dissolves polymers and caustics rapidly
- Emulsifies multiple liquids
- Air or electric motor drive
- Less horsepower requirement
- Suspends solids in a liquid medium

SAFECEM Mixing Tank features safety first, with a hinged closed hood and sight glass. The bags are placed on a conveyor to slide them across a bag slitter that opens the bags without product loss. Bag slitters are available with a manual star slitter or pneumatic style slitter. SAFECEM Mixing Tank features a Conical Induction Agitator that will quickly dissolve caustic soda and dispense other powdered additives.



The Conical Induction Mixer

The Conical Induction Mixer is in a class of its own. The two mixing elements perform on the Airfoil/Bernoulli Principle "when velocity is high, pressure is low; inversely, when pressure is high, velocity is low".

As the Conical Induction Mixing Elements rotate around a center axis, the liquid or slurry is drawn into each lone element. The velocity increases as it passes through the Cone Venturi, generating a high velocity that produces a low pressure in the surrounding liquid. The generated low pressure region introduces more liquid through the Cone Mixing Elements.

The Venturi effect in high viscosity slurries translates into a reduction in horsepower requirement.

Compatible Components Corporation

Website: www.cccmix.com • Email: sales@cccmix.com • Telephone: 713-688-2008
Address: 1234 North Post Oak Rd., Suite 100 Houston, TX 77055



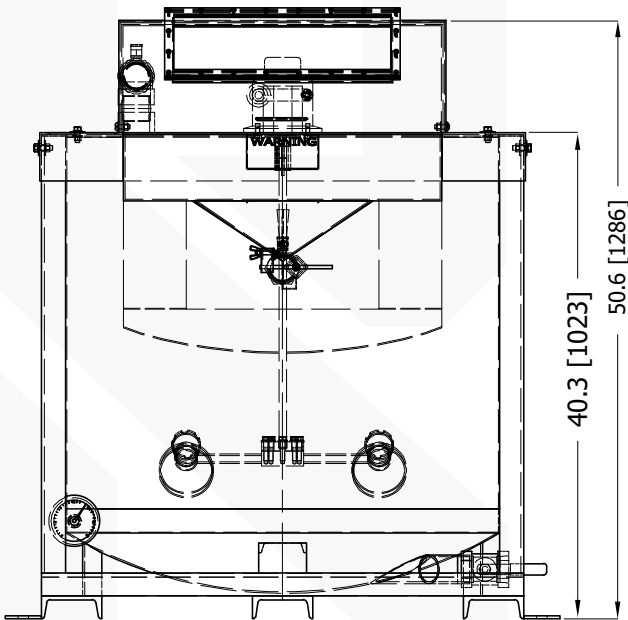
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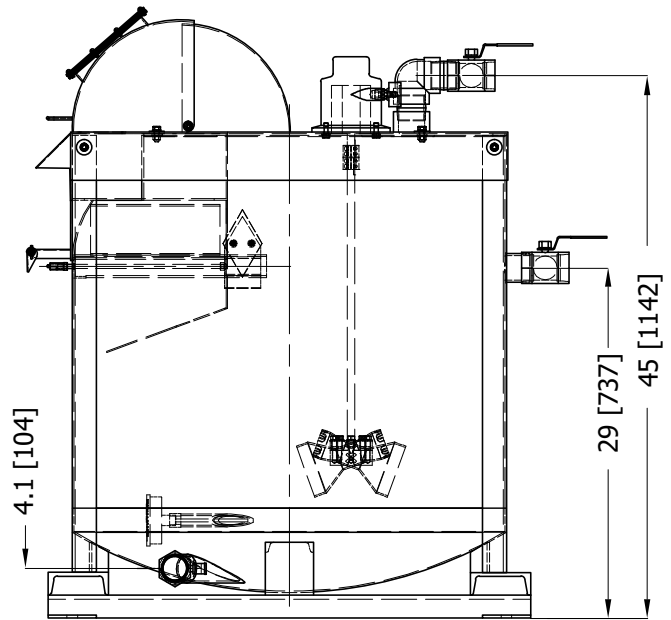
Electric or air consumption requirements are 1/3 less than with conventional turbine type agitators.

The Conical Induction Mixer is a new and novel innovation in batch mixing. The conical mixing elements can be utilized in small or large batches with a broad range of viscosities. The Conical Induction Mixer does not fit in the category of impeller type agitators.

Combining the new mixing technology with the safety features of the SAFECEM Mixing Tank provides an easy means to mix caustic soda, polymers and dispersion with fast action dissolution.



FRONT VIEW



SIDE VIEW

Capacities available:

100 Gal: Net wt- 580 lbs. (263 Kg)

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