

HIGH SHEAR EMULSIFIERS

Mixtec – Western Engineering manufacture Emulsifiers for a variety of industries and applications in a range of sizes from 1.5kW to 45kW and beyond. We offer both in-tank and in-line high shear emulsifiers for mixing immiscible liquids, rapid dissolving of solids, pureeing foods, reducing particles sizes, deglomering powders and accelerating chemical reactions.

Mixtec Emulsifiers can be tank mounted as a top entry unit with several shaft sealing options or simple drop in units mounted on raise and lower stands. Alternatively they can be mounted as a side or bottom entry unit and combined with a top entry mixer to create a versatile mixing system. In-line Emulsifiers (High Shear Pumps) are available in both commercial and dairy grade with quick release housings and a range of seal options including FDA compliant mechanical seals. Our In-line Emulsifiers are available with an educator system for rapid dissolving of powders at ground level eliminating the requirement to convey or load powders into the top of a tank.



Our Mixtec High Shear Emulsifiers are available with three interchangeable heads: Square, Slotted and Round Holes.

- Square Hole stator heads are ideally suited for mixing immiscible liquids together.
- Slotted Hole stator heads are used for breaking down fibrous products and are widely used in the food industry.
- Round Hole stator heads are for disintegration and general purpose high shear mixing.

Mixtec – Western Engineering are a 100% NZ owned and operated company that prides itself on quality and on-time delivery. We manufacture mixers in our Auckland factory under licence using technology supplied by Mixtec in South Africa, who are one of the world's leading manufacturers of mixers and agitators.