

Mixing + Blending

MIXING TANKS - Built to your specs!

Industrial Blending Systems



Typical Mixing Applications = pH adjust / salt dissolving / beverage blending

Fabricated in plastic (HDPE+PP), and Stainless Steel (304, 316ss)

- Industrial duty HDPE tank, with mixer, outlet valve, and pump
- Customize with instruments, pumps, and controls to your specs
- Mixer in electric TEFC with pre wired speed controller available, XP electric motor and air operated motor optional
- Any fittings welded to tank available, NPT, ANSI Flanges, Tri Clamp fittings, manual and automated valves Accessories and automation available including instruments, vent filter, valves for top head, sample valve, automated valves and PLC controls
- Volumes of 10gal to 1000gal with C Clamp mixer, larger systems with bridge or ANSI flange mount



Shown = 50gal HDPE tank, with C clamp mixer, ball valve, and pump, fittings to suit

Volume	Mixer	Valve DIA	Dimensions	Mixer HP
25-50gal	Direct Drive	1"	18 x 48"	1/2HP
100gal	Direct Drive	1.5"	24 x 60"	1HP
200gal	Direct or Gear Drive	2"	24 x 70"	1 or 1/4HP
500gal	Gear Drive	3"	30 x 78"	1HP
1000gal	Gear Drive	3"	36 x 82"	3HP

Unlimited options available from simple economical mixtanks to fully automated blend systems

Many Impeller Options



Mixing Systems

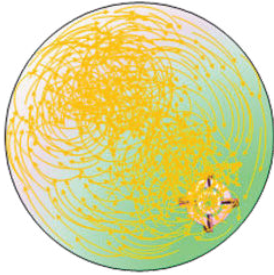


Pre Wired Speed Controllers



Mixing + Blending Systems

Plastic and Stainless Tanks built to suit



Computational Fluid Dynamics used to optimize mixing processes

Options Available:

- *Instruments - pH, Temperature, Conductivity, etc*
- *Load Cells*
- *Controls + Automation*
- *Outlet Pump of your choice*
- *Mixer can be 316 Stainless Steel, Hastelloy C, Rubber or PTFE coated assembly, sanitary duty polish, exotic alloys*
- *Top and side fittings of your choice, bottom valve*
- *Spray Ball or Cleaning nozzle (sealed design required)*
- *Direct Drive and Gear Drive Mixer options*
- *Air or electric or XP electric motor*
- *Pre wired VFD for electric mixers*
- *Low + High shear mixer designs*

Applications: pH Adjust, Buffer Prep, Salt Dissolving, Liquid-Liquid Mixing, Powder into Liquid Blends



Pumps / Instrumentation / Valves and Automation

Variety of Outlet Pump Types:

- *Manual + automated valves*
- *Instruments + controls*
- *Complete automated systems*

Email us for questions and details!