



Top entering portable mixers offer strength, flexibility and reliability.

Today's applications demand high performance process equipment accompanied by total support for customers' mixing needs. To address these requirements, we offer a line of top entering and portable mixers. Superior materials of construction throughout, along with advanced modular designs give each one the strength, flexibility and reliability to perform to the same standards as all Chemineer agitators.

- DTC/XPC (clamp/cup mount) or XPB (bung mount)
- Standard models ship in 24–48 hours
- Bung mount available for 55 gallon drums
- High strength, low weight cast aluminum housing
- 60+ years experience in mixing technology
- Multi-directional clamp for horizontal and vertical adjustment

Features and Benefits

- Direct drive: Models 10XPB, 10XPC & 30XPC; Industry standard, off the shelf, NEMA electric or air motors
- Gear reduced: Model 40XPC/50DTC low maintenance drive offers 350 rpm nominal output speed
- Cast handle: Integral cast aluminum handle for easy maneuverability and positioning
- Mount: High strength cast aluminum clamp or cup plate mount offers 3-dimensional positioning with positive lock adjustability, bung mount mixer designed to fit 2" NPT openings
- Shaft: Rugged, heavy duty shafting manufactured from 316 SS, 0.625" or 1" diameter shafting straightened to .002" per foot to reduce vibration and extend unit life



Bung Mount



Clamp Mount



Cup Plate Mount

Chemineer Portable Mixers



SC-3



JP-3



Collapsible

Impeller Options

Our impeller designs are the result of over six decades of research and applied application experience. Proprietary technologies are applied to thoroughly analyze all process parameters, ensuring proper impeller selection for optimal performance in every application. Carbon steel, 316/316L stainless steel, high alloys and coatings are available.

The SC-3 impeller features an advanced design that produces flow characteristics of larger impellers without added weight or loss of efficiency. The SC-3 is a high pumping axial flow impeller with low shear used for blending and motion or solids suspension.

The JP-3 impeller is a marine style energy efficient design ideal for small batches and is able to handle high viscosities. It is a high efficiency axial flow impeller used for liquid blending on our smallest turbine agitators.

The Collapsible impeller is used when the mixer opening is too small for a conventional impeller. Collapsible impellers allow larger impeller diameters and increased mixing in vessels that have only a small opening such as 55 gallon drums and IBC totes.

Small Mixer Sizing Chart

Product	Process Situation Viscosity (cP)	Volume (gallons)								
		25	50	100	200	500	1000	2000	3000	5000
Water, Kerosene	1	10XPC-0.5	10XPC-0.5	10XPC-0.5	10XPC-0.5	30XPC-1.5	30XPC-1.5	40XPC-1.0	40XPC-1.0	50DTC-2.0
Olive Oil	100	10XPC-0.5	10XPC-0.5	10XPC-0.5	30XPC-1.5	40XPC-1.0	40XPC-1.0	40XPC-1.0	40XPC-1.0	50DTC-2.0
Glucose, Latex Paint	250	10XPC-0.5	10XPC-0.5	30XPC-1.5	40XPC-1.0	40XPC-1.0	40XPC-1.0	40XPC-1.0	50DTC-2.0	50DTC-2.0
Glycerin	500	10XPC-0.5	30XPC-1.5	40XPC-1.0	40XPC-1.0	40XPC-1.0	40XPC-1.0	50DTC-2.0	50DTC-2.0	50DTC-2.0
Castor Oil	1000	30XPC-1.5	40XPC-1.0	40XPC-1.0	40XPC-1.0	40XPC-1.0	50DTC-2.0	50DTC-2.0	50DTC-2.0	50DTC-2.0

