

MULTI-SHAFT MIXERS



Custom Milling and Consulting LLC manufactures customized multi-shaft mixers for a diverse range of industries. CMC's multishaft mixers are able to mix and blend materials greater than 30,000 cps. The center mounted low speed blade sweeps the tank pushing and folding the materials towards the center. As the materials are fed to the center towards the high speed dispersing blade, the particles are distributed throughout the liquid.



Close tolerance between the blade and tank, and our system of Teflon sidewall scrapers, ensure optimal mixing of the materials. Multi-Shaft mixers allow for the blending and mixing to be done while dispersing particles throughout the material at the same time.

MULTI-SHAFT MIXER FEATURES:

- Available in heavy-duty 304, 316 or 316L stainless steel
- Vacuum Rated Mixer/Hood combination
- Sweep Blade with dual mixer blade options
- Rotor/Stator and or emulsification head available
- Mix tanks jacketed for heating/cooling (ASME coded vessel available upon request)
- Air/oil lift cylinder (electro/hydraulic lift available upon request)
- Special coatings available on mixing shaft components
- Available in dual-shaft or tri-shaft
- CMC "SMART" HMI style PLC Control Package.
 - Explosion-proof
 - Dust tight control consoles

Applications:

Pastes • Adhesives • Silicone • Electronic Paste • Printing Inks • Sealants
Cosmetics • Resin Blending



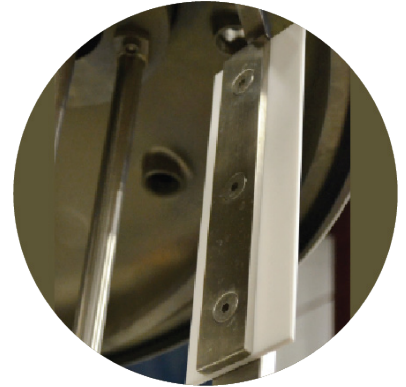
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Vacuum hood with glass sight windows for easy loading of materials and gives you the ability to see the materials as they are being mixed. Clamps are mounted all around to secure the hood to the tank, for complete vacuum mixing.



Outside sweeping blade is mounted with side scrapers at different levels to ensure materials are fed to the center. This allows for better heat transfer and keeps a consistent temperature throughout the product.



High speed disperser blade mounted to one shaft, rotor/stator blade secured with rods for support on a second shaft and low speed sweeping blade. With the SMART package you can program and set independent start, stop and speed of each mixing blade.