

Total Solutions from

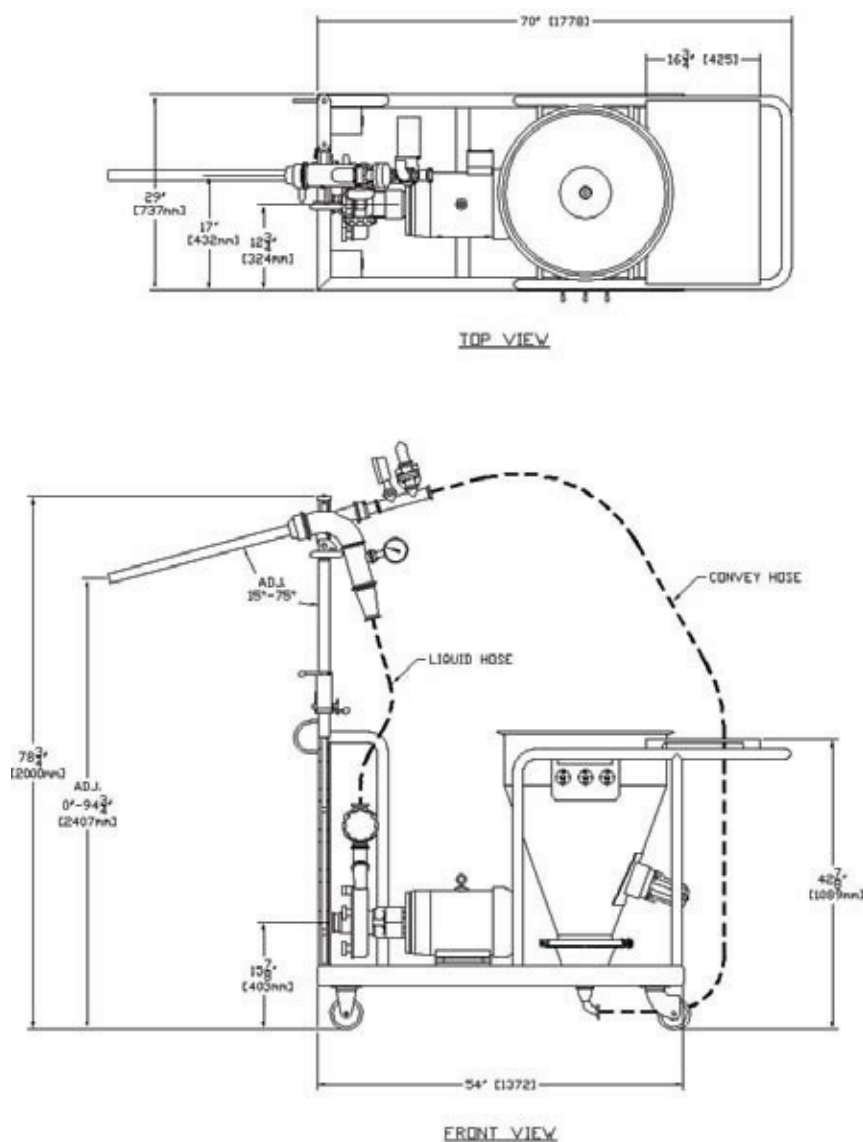
Semi-Bulk Systems, Inc.



VACUCAM[®] Ejector Mixer

MIXER ON A STAND (MOS)

Portable / Adjustable with Self-Contained Feed Hopper to
Rapidly Hydrate Thickeners Directly Into Top of Multiple Mix Tanks



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PROCESS XSTREAMLININGSM

Semi-Bulk Systems is



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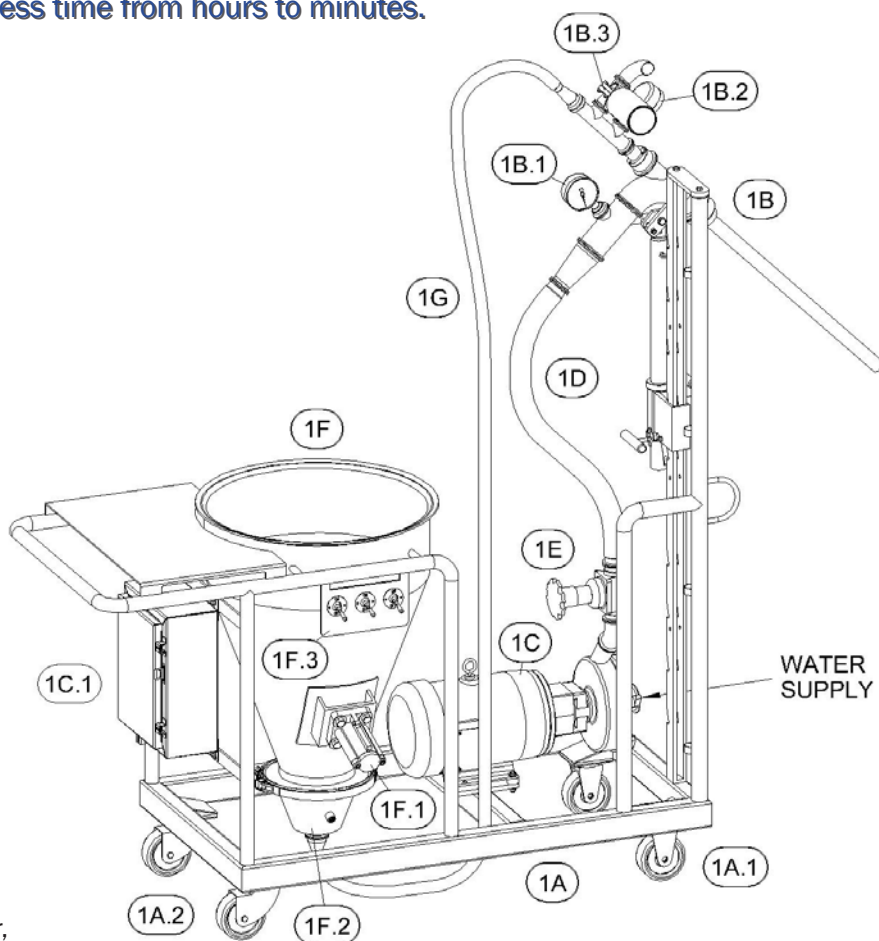
Semi Bulk Systems, Inc.



Portable/Adjustable MOS—VACUCAM® Ejector Mixer:

Provides processors the ability to single pass (or recycle) fully dispersed and hydrated gums, thickeners, and other powders, directly into existing process vessels. Coupled to a small self-contained ingredient hopper, operators can quickly and easily accommodate a number of vessels of various sizes and heights with one compact easily manageable, cost effective process package. When used to inject shear sensitive hydro colloidal thickeners such as xanthan, guar, locust bean, pectins, cellulose, starches, etc., processors typically will reduce their usage and increase yield by an average of 30% or more, due to imparting little or no shear while avoiding agglomerates or fisheyes which is common to all mechanical mixing devices. The other major advantages over all other mixing devices is that each delivery once established, will be the same which results in batch to batch consistency. Reduce process time from hours to minutes.

- 1A 1 - portable modular skid w/adjustable mounting support for Ejector Mixer, all 304 S.S. construction
 - 1A.1 2 - fixed wheels
 - 1A.2 2 - swivel wheels
- 1B 1 - Vacucam Ejector Mixer, Model BB100; 75 or 100gpm, 316S.S.
- 1B.1 1 - Pressure gauge
- 1B.2 1 - Vacuum gauge
- 1B.3 1 - Vacuum break valve w/pneumatic actuator
- 1C 1 - Centrifugal water booster pump or recycle pump per process requirements
 - 1C.1 1 - Motor starter per process requirements
- 1D 1 - Mixer supply hose
- 1E 1 - Pressure throttle valve
- 1F 1 - Conical hopper, 2.7cu.ft. capacity, w/70 degree cone angle, 304S.S. construction
 - 1F.1 1 - Hopper pneumatic vibrator
 - 1F.2 1 - 8" Air-Cone pick-up for fluidization; 304 S.S. w/ clamp to hopper.
 - 1F.3 1 - Pneumatic filter/regulator assembly w/ manual lever valves for operation of vibrator, fluidization and vacuum break valve



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