



Application Data Sheet: Powder Mixer and FS Shear Blender

End User _____ Contact _____
 Address _____ Title _____
 _____ Phone _____
 _____ Email _____

End Product

Description _____
 Total Quantity _____ lbs gal Does the end product tend to foam?
 Max Viscosity _____ cP @ _____ °F No A Little A Lot
 Density _____ lbs/gal Is the end product abrasive?
 Process Temp _____ °F No Slightly Very
 Max Temp _____ °F
 Flow Properties similar to: _____

Liquid Ingredients

| | Description | Qty (gal) | Density (lbs/gal) | Viscosity (cP) |
|------------|-------------|-----------|-------------------|----------------|
| Base Fluid | | | | |
| Liquid 1 | | | | |
| Liquid 2 | | | | |

Dry Ingredients

| | Description | Qty (lbs) | Bulk Density (lbs/ft3) | Soluble (y/n) |
|----------|-------------|-----------|------------------------|---------------|
| Powder 1 | | | | |
| Powder 2 | | | | |
| Powder 3 | | | | |
| Powder 4 | | | | |
| Powder 5 | | | | |

Other Ingredients

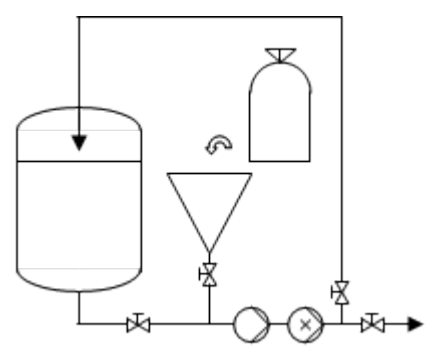
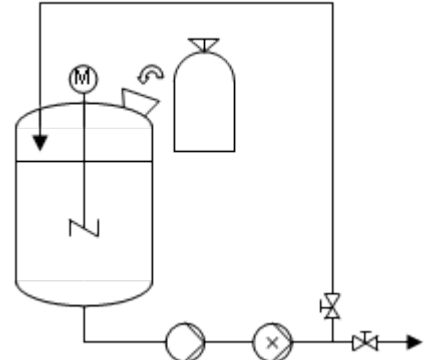
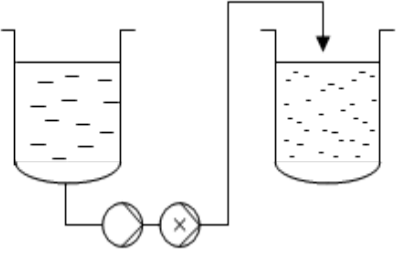
Fristam Pumps USA
 Phone: 800.841.5001
 Email: sales@fristampumps.com
www.fristam.com/usa

Electrical Requirements

Voltage _____ Phase _____ Hz _____

Enclosure Type _____

Process Requirements

| | | |
|---|--|---|
| <input type="checkbox"/> Process: Powder Induction Inline addition of solids via hopper. | <input type="checkbox"/> Process: Finish Mixing Addition of ingredients into the holding tank. | <input type="checkbox"/> Process: Blending Single pass homogenization of a mixture out of a holding tank. |
|  |  |  |
| <input type="checkbox"/> Dispersing <input type="checkbox"/> Dissolving <input type="checkbox"/> Emulsifying <input type="checkbox"/> Reducing <input type="checkbox"/> Smoothing | | |

Process Parameters

Batch Size _____ gal Flow Rate _____ gpm

Batch Process Time _____ min Max Pressure _____ psi

Current Process, Issues and Concerns (Attach Drawing or Pictures)

Process Objective

Purchase Timeline 0-30 days 60 days 90 days +90 days

Project Budget _____