



INDUSTRIAL FLUID SYSTEMS

SSM-300 Shear Static Mixer provides fast, accurate, and automated mixing of hard to mix metal working fluids.

System Requirements

- Automatically mix 320 gallon batches
- Transfer batch to tote
- Monitor levels of fluids and sound alarms if required.
- Mix a variety of fluids with different viscosities
- PLC controls w/ touch screen upgrade if required
- Industrial Piping and Wiring to NEMA Standards
- Feed water filtration system
- Complete Documentation with Spare Parts List
- One Year Warranty on the System
- Installation assistance and training at customer plant.

Solution

- SSM-300 Shear static mixer w/
- PLC controls in NEMA 12 enclosure
- Fail closed chemical feed valve
- 350 Gallon mixing tank
- 300 Gallon containment
- Remote audible alarm
- Plant layout (AutoCAD)
- Electronic documentation.

Premixing products for resale to a customer requires accuracy and thorough mixing. The goal for this company was to be able to mix a variety of products automatically, and repeatably, with confidence the mixed products would stay mixed. IFS determined that it's shear static mixing system, SSM-300 which was developed to mix very difficult water based stamping fluids would be ideal for the application.

Automating the process in place of manually mixing resulted in repeatability and reduced labor. The system mixes 320 gallon batches in 1-1/2 hours based on a 10 gpm water supply.



IFS has built centrifuge systems for over 20 years for applications including:

Coolant Recycling
Cutting Oil Recycling
Waste Water Processing

Wash Water Recycling
Oil Purification Systems
Waste Oil Processing

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Our professionals can help you decide what type of system will work best for your application. Contact us today for more information about how a centrifuge could save you money.