

# Selecting a Mixer

## FLUX Questionnaire for Mixing Applications



More than just pumps

Please fill out this data sheet and email or fax back to your FLUX Pumps representative

### Company information

Company:		Project Name:	
Contact Name:		Project Number:	
Address:		P.O Number:	
City:		Spec Number: Equipment	
State:		Number: Total Number	
Zip Code:		Required:	

### Process / Mixing Operation

General Description of Mixing Problem:  
(List Components, Vol %, Weights %, Etc.)

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Degree of Agitation: Type of  
Agitation: Description of  
Materials: Miscible Liquids:  
Specific Gravity: Viscosity:  
Temp Deg (F or C): Process  
Pressure: Required Blend  
Time: Gas Entrainment/% by  
vol: VFD Required?


### Agitator General Description

Type:	
Entry:	
Portable:	
Mounting:	
Radius from Center:	
Mixer Degree of Angle:	

### Vessel Data

Tank Description:	
Top Head:	
Bottom Head:	
Tank Diameter (inches):	
Length of Straight Sides (inches): Over-	
all Tank Length (inches):	
Total Capacity (gallons):	
High Liquid Level (gallons):	
Low Liquid Level (gallons):	
Total Flow (gallons/min):	
Size of opening available for impeller:	
Manhole Size (inches):	
Size of mounting nozzle flange/pad	
Baffles:	
Max Headroom Available(inches):	
Height of Mounting Nozzle (inches):	
Design Condition:	
Temp Max:	
Temp Min:	
Pressure Max:	
Pressure Min:	

### Motor and Housing

Driver:	
Driver Type: Mount:	
Motor Frame: Motor	
Horsepower: RPM	
(Speed): Enclosure	
Class: Voltage:	
Phase:	
Cycle:	
Class Service Rating:	
Service Duty:	
Operation:	

### Shafts and Impeller

Shaft Material:	
Impeller Material:	
Shaft Seal: Coating:	
Steady Bearing OK?	

### Solids

Will Mixer Start Up in Settling Solids?	
Description of Solids:	
Solids Specific Gravity:	
Solids Weight by %:	
Particle Diameter:	
Settling Velocity:	

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