

Enabling us to give you a perfect solution please fill in the following items.

Our fax number +41 (0)52-338 17 33

or scan and mail to info@stamixco.com. We contact you immediately.

General mixers

Technical Data sheet for Mixer Dimensioning

1. YOUR COMPANY INFORMATION

Name			Date
Phone			Fax
E-Mail			
Company			Street
Zip-Code	City	Country	

2. PROCESS DESIGN ENGINEERING DATA

• Description of Application (sketch on separate page) _____

Component	1	2	3	Mixture
Fluid Name				
Flow Rate	minimum			
	normal			
	maximum			
Viscosity* 1) Pas				
Density* kg/m3				
Temperature (Operating) °C				
Pressure (Operating) bar				

* @ operating temperature 1) If material viscosity changes with shear rate, please supply viscosity versus shear rate curves.

• Maximum Allowable Pressure Drop Across Static Mixer: _____ bar

• Solubility: Are the Components Soluble in each-other? Soluble in every ratio Insoluble in each-other

• Degree of Mixing Desired: Low Medium High Describe Your Real-World Criterion for Measuring Desired Mixing Quality: _____

• Feeding of Components to Static Mixer: Uniform Flow Pulsating Flow: Pulsation Frequency = _____

• Reaction: Is there a reaction occurring between the feed components: Yes No

3. MECHANICAL DESIGN ENGINEERING DATA

• StaMixCo Supply: Mixing Elements Only Housing + Mixing Elements

• Preferred Mixer Pipe Diameter & Schedule-or-Special Pipe Inside Diameter: _____

• Maximum Allowable Mixer Length: _____ mm Mixing Elements: removable not removable

• Flow Direction: Horizontal Upward Vertical Flow Downward Vertical Flow

• Materials of Construction: Mixing Elements: _____ Pipe: _____ Flanges: _____

• Pipe End Connections: Plain Ends Ends Prepared For Welding Threaded Ends

Flanged: Type: _____ Rating: _____

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Inquiry sheet for general mixers

BENEFITS

- **Exact controlled mixing effect
over pipe cross section**
- **Low energy input.
Only fluid pressure drop over mixer.**
- **No moving parts**
- **Continuous production**
- **Clear defined shear- and
turbulence- areas**
- **Close residence time properties
(Plug flow)**

