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Serving the Global Food, Pharmaceutical, Plastic, Chemical, Agricultural, and Other Industries

### Continuous Mixer Questionnaire

To help our engineering staff recommend the best mixer solution for your processing needs, please take a few minutes to fill out this questionnaire with as much information as possible. All information received will be held in strict confidence.

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

e-mail: \_\_\_\_\_

Project Name: \_\_\_\_\_

Instructions: Fill out the form electronically, then click **HERE** to automatically email to sales@showes.com - or Print and fax to (716) 934-2081.

• Material description: \_\_\_\_\_

• Material characteristics:  powder  slurry  cake  sticky  abrasive  
 liquid  free flowing  toxic  explosive  friable  corrosive  other \_\_\_\_\_

• Has mixing equipment been used previously for this material? \_\_\_\_\_ If so, describe (pros & cons) \_\_\_\_\_

• Bulk Density (lbs./cu.ft.): \_\_\_\_\_ Flow problems: \_\_\_\_\_

• Material inlet temperature: \_\_\_\_\_ Material outlet temperature: \_\_\_\_\_  °F  °C

• Mixer production rate: \_\_\_\_\_ Target residence time: \_\_\_\_\_

• Paddle type:  solid  loop  abrasion resistant  unsure

• Construction: Product contact  carbon steel  304 SS  316 SS  other: \_\_\_\_\_  
Non-product contact  carbon steel  304 SS  316 SS  other: \_\_\_\_\_

• Interior:  mill finish  36 grit  60 grit  80 grit  120 grit  other: \_\_\_\_\_

• Exterior:  mill finish  36 grit  60 grit  80 grit  120 grit  other: \_\_\_\_\_

• Covers:  bolted  hinged  grating Type & no. of inlet(s): \_\_\_\_\_

• Shaft seal:  mechanical  single lip  double lip  pack gland  split gland  air purged gland

• Electrical: voltage: \_\_\_\_\_ cycle: \_\_\_\_\_ phase: \_\_\_\_\_ Area classification: \_\_\_\_\_

• Will controls be needed?  yes  no Motor horsepower needed \_\_\_\_\_  unsure

• Jacket:  none  hot water  cold water  steam  oil PSI: \_\_\_\_\_

• Liquid add:  open line  spray nozzle  manifold liquid to be added: \_\_\_\_\_

• Do agglomerates form during mixing:  yes  no Do these need to be reduced:  yes  no

• Are there facility clearance restrictions: \_\_\_\_\_

• New or replacement mixer:  new  replacement

• Is auxiliary equipment needed for loading/unloading: \_\_\_\_\_

• Will product testing be required?  yes  no  at S. Howes  on-site  equipment rental

• Other comments: \_\_\_\_\_