

# Application Data Sheet

## Horizontal Ribbon Mixer

### Customer Information

Company: \_\_\_\_\_  
 Name: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Email: \_\_\_\_\_  
 Phone: \_\_\_\_\_

### Material Information

Materials: \_\_\_\_\_  
 Bulk Densities (lbs/ft<sup>3</sup>): \_\_\_\_\_  
 Particle Size: \_\_\_\_\_  
 Material Flowability: \_\_\_\_\_  
 Hygroscopic  Abrasive  Hazardous  Friable  
 Toxic  Corrosive  Heat Sensitive  
 Is the material combustible? If so please fill out the information below.  
 Additional information to comply with NFPA 69 for combustible dust:  
 KST: \_\_\_\_\_  
 Pmax: \_\_\_\_\_  
 Pred: \_\_\_\_\_

### Construction Requirements

Material of Construction:  
 Carbon Steel  304 S/S  316 S/S  Other \_\_\_\_\_  
 Are there any special finish requirements, polish, or coating, etc.? If so, please list:  
 \_\_\_\_\_  
 Mixer Size: \_\_\_\_\_ Number of Units: \_\_\_\_\_  
 Type Agitator: \_\_\_\_\_  
 Material Flowability:  Slotted  Fixed  Removeable  
 Are Special Packing Glands Required: \_\_\_\_\_  
 Number & Size Of Inlet Openings: \_\_\_\_\_  
 Clearance Required Under Discharge Gate: \_\_\_\_\_  
 Is a heating or cooling jacket required? If so what pressure?  
 \_\_\_\_\_  
 Additional Features:  
 Motion Switch  Packing Purge  VFD Inverter/Speed Ctrl

### Electrical Requirements

Motor Enclosure:  TEFC  Explosion: Proof  
 Class: \_\_\_\_\_ Division: \_\_\_\_\_ Group: \_\_\_\_\_  
 Motor Voltage:  
 230/460V 3PH 60HZ Standard  
 Other \_\_\_\_\_  
 Is a specific motor manufacturer and/or rating required?  
 If so, please list:  
 \_\_\_\_\_

### Application Information

Number of Materials Blended: \_\_\_\_\_  
 Percentages of Each: \_\_\_\_\_  
 Is the material in dry, liquid or paste form: \_\_\_\_\_  
 Batch Size (lbs) : \_\_\_\_\_  
 Is mixing conducted under pressure or vacuum?  
 If so what pressure?: \_\_\_\_\_  
 Additional Requirments:



Multi-Pitch Agitator



Standard Double Ribbon Agitator



