THE YOUNG® INDUSTRIES, INC.

APPLICATION DATA SHEET
HORIZONTAL MIXER

CUSTOMER INFORMATION

Company: _____

Name: _____

Title: _____

Address: _____

_____

Email: _____

Phone: _____

MATERIAL INFORMATION

Materials: _____

Bulk Densities: _____

Particle Size: _____

Material Flowability: _____

☐ Hygroscopic ☐ Abrasive ☐ Hazardous ☐ Friable

☐ Toxic ☐ Corosive ☐ Heat Sensitive

Is the material combustible?
If so please fill out the information below:
Additional information to comply with NFPA 69 for combustible powders:

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, ect.? If so, please list: _____

_____

Mixer Size: _____ Number of Units: _____

Type Agitator: _____

Type Ends Required: ☐ 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: _____ Divison: _____ Group: _____

Motor Voltage: ☐ 230/460V 3PH 60HZ Standard

☐ Other: _____

Is a specific motor manufacturer and/or rating required?

If so, Please list: _____

APPLICATION INFORMATION

No. of Materials Blended: _____

Percentages of Each: _____

Is the material in dry, liquid or paste form? _____

Is the mixing a batch or continuous operation? _____

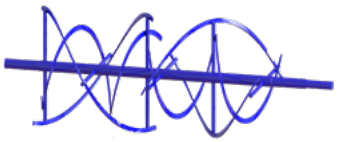
Capacity Requirements: _____

Is mixing conducted under pressure or vacuum? If so what pressure? _____

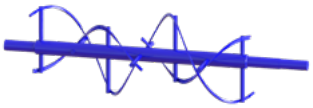
Additional Requirements: _____

_____

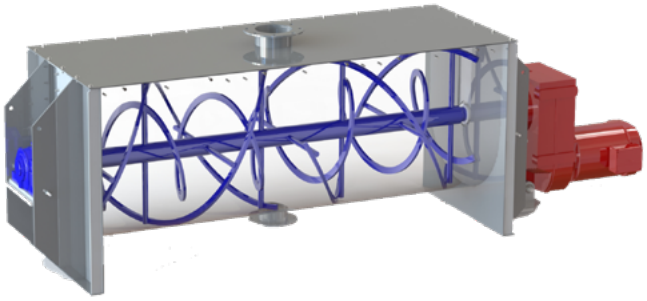
_____



Multi-Pitch Agitator



Standard Double Ribbon Agitator



Thank you for filling out this Application Data Sheet. Young Industries Application Engineers will provide you with a detailed proposal for the equipment you requested. We custom engineer the equipment to meet your requirements.

Application Drawing (Optional)