



APPLICATION DATA SHEET TRANVAIR MECHANICAL CONVEYOR

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

CONSTRUCTION REQUIREMENTS

Material of Construction: Carbon Steel 304 S/S
Other: _____
Are there any special finish requirements, polish, or coating,
ect.? If so, please list: _____

*Sprocket Housings Are Available In Aluminum Construction
Is aluminum acceptable in product contact areas?
Yes No

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: _____

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 INFORMATION

Inlet of Conveyor - What is feeding material to the conveyor?

Discharge of Conveyor - What is the conveyor discharging material into? _____

Service: Batch Conveying Continuous Conveying

Process Temperature: _____ °F

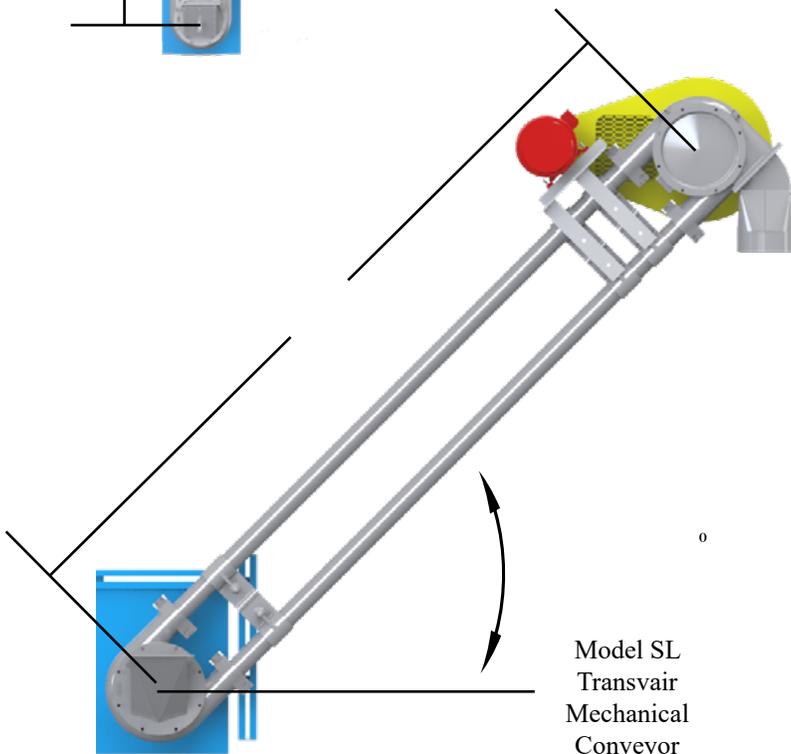
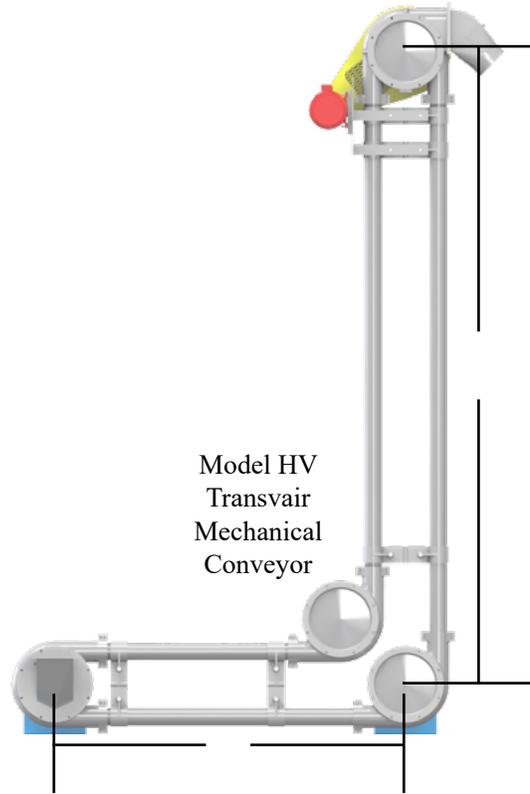
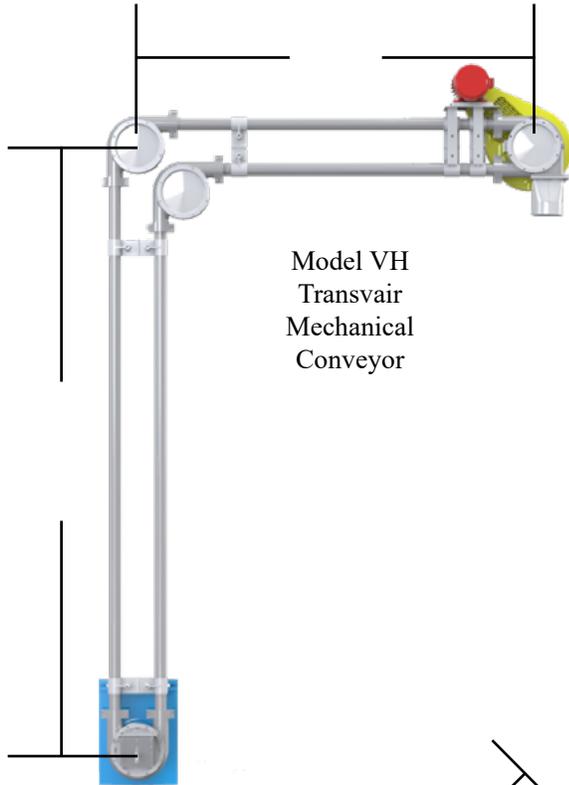
Required Convey Capacity: _____ lbs/min lbs/hr

Additional Requirements:

ADDITIONAL OPTIONAL FEATURES

- Inlet Hopper
- Inlet Gate Valve To Start/Stop Product Flow
- Paper Bag Dump Station With Fan and Filter
- Paper Bag Dump Station for Connecting to Central Dust Collection System
- Pushbutton Start/Stop Controls (No Motor Starter)
- Pushbutton Start/Stop Controls (With Motor Starter)
- Gas Tight Construction
- Water Wash-Down and Drain Connections
- Portable Base With Casters

TRANVAIR MECHANICAL CONVEYOR DIMENSIONAL INFORMATION



Young Industries Transvaair Mechanical Conveyor Systems are available in 3" and 4" tube sizes. We will select the proper size based on the design conditions you specify. If you have a size preference please let us know and we will be happy to quote.

The Transvaair Mechanical Conveyors are used on many systems to transport powders from Bag Dumping hoppers and Bulk Bag Unloading Equipment. Young Industries offers a complete line of Bag Dump Stations and Bulk Bag Unloading Systems which can be supplied with the conveyor.

