

Application Data Sheet

Transvair® Aero-Mechanical Conveyor

Customer Information

Company: _____
Name: _____
Title: _____
Address: _____
Email: _____
Phone: _____

Material Information

Materials: _____
Bulk Densities: _____
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 ☐ Other: _____
Are there any special finish requirements, polish, or coating, etc.? 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: _____ Division: _____ Group: _____
Motor Voltage:
☐ 230/460V 3PH 6HZ Standard ☐ Other: _____
Is a specific motor manufacturer and/or rating required? If so, please list: _____

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 _____

Applicational Optional Features

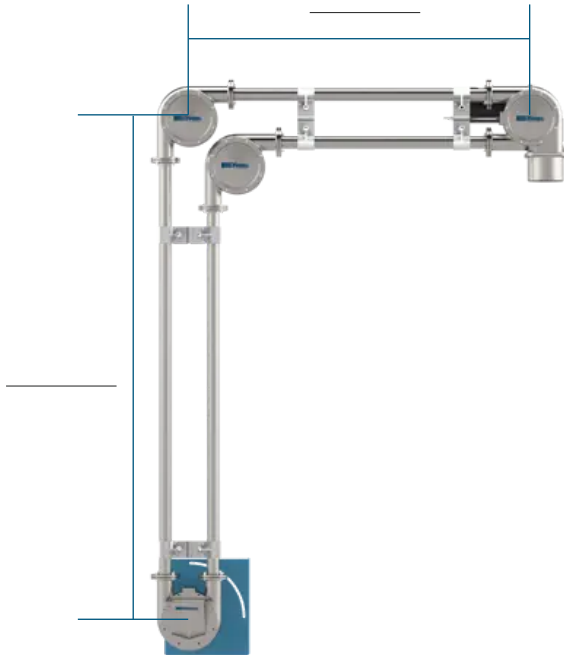
- ☐ Inlet Hopper
- ☐ Inlet Gate Valve To Start/Stop Product Flow
- ☐ Paper Bag Dump Station With Fan and Filter
- ☐ Paper Bag Dump Station for Connecting to Central Dust Collection System
- ☐ Pushbutton Start/Stop Controls (No Motor Starter)
- ☐ Pushbutton Start/Stop Controls (With Motor Starter)
- ☐ Gas Tight Construction
- ☐ Water Wash-Down and Drain Connections
- ☐ Portable Base With Casters
- ☐ Seal Purge for Bearing Housing
- ☐ Air Purge on Cover Plates
- ☐ TransFlow® Lined Housings

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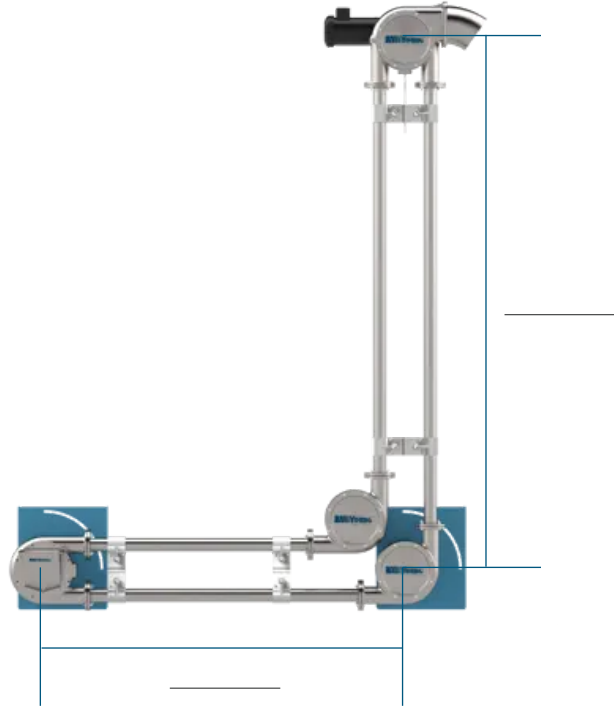
Transvair[®] Aero-Mechanical Conveyor

Additional Information

▼ Model VH Transvair[®] Mechanical Conveyor



▼ Model HV Transvair[®] Mechanical Conveyor



▼ Model SL Transvair[®] Mechanical Conveyor



FPO
NEED HIGH
RESOLUTION

Young Industries Transvair[®] 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 Transvair[®] 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.



Transvair® Aero-Mechanical Conveyor

This image shows a full page of blank graph paper. The background is a very light gray. Overlaid on this is a precise grid of thin, dark blue horizontal and vertical lines. These lines intersect to form a series of small, identical squares across the entire surface of the page. There are no margins, text, or other markings present.