



MODU System
the Modular Conveyor Company www.modu-system.com

INDUSTRY SOLUTION



Gripper System



What is Gripper Conveyor

It a set of machine consists of 2 set of conveyors installed side by side within one support structure to convey product to a different or same output height with a minimum space consumption. It grip the product firmly but gentle enough thru its course before discharging the product to another conveyor assembly.



Gripper conveyor with blower attached to remove dust from products.

Gripper Conveyor Advantages

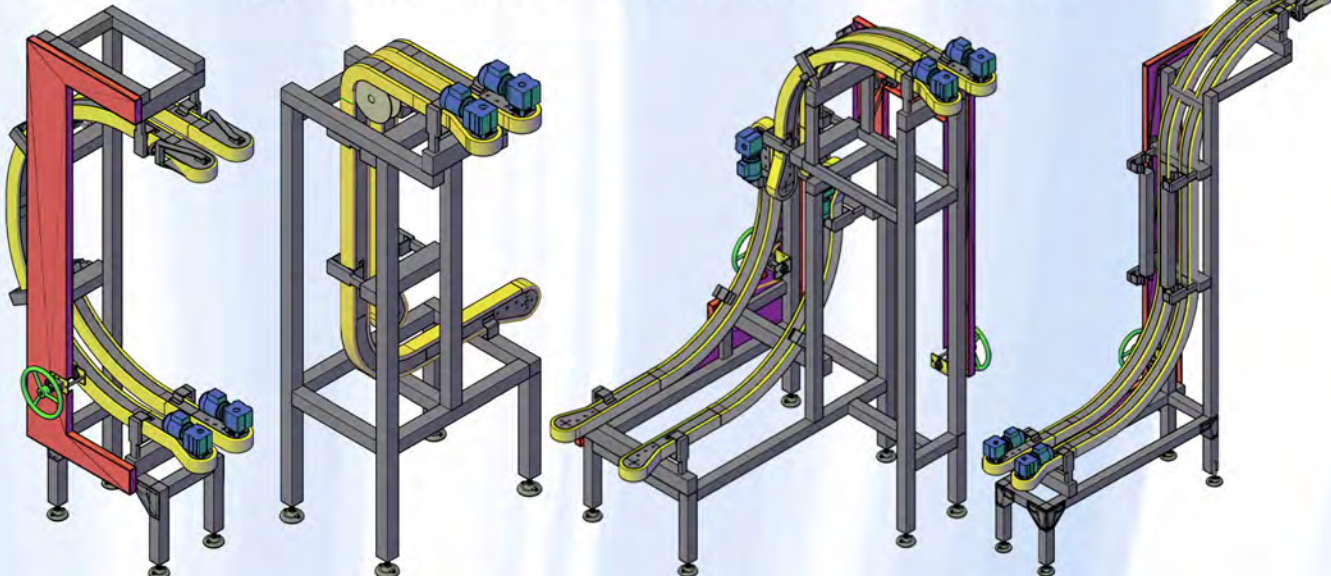
- ❑ Saving floor space, transportation length and require less transfer.
- ❑ Maximize space utilization by creating cooling buffer at ceiling level.
- ❑ Integrateable with other application such as blower and ink printing device.
- ❑ Flexible to install and match with site arrangement layout.



Gripping product with care while avoiding obstacle in cramped space

MODU GRIPPER CONVEYOR

There are four main types of gripper conveyor available to suit your industrial application.



C-Flow

Simple Gripper Upender

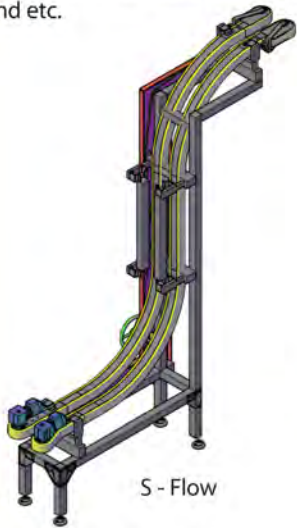
Gripper Upender

S-Flow

What MODU Gripper Conveyor can do?

1. Product Elevation

Picks up items from an infeed conveyor, carries them (90° vertical) up or down to a higher or lower elevation, and delivers them to a discharge conveyor. Drives are always placed at the discharge end. This type of conveyor can be used for buffering, filling, blowing, palletizing, packing and etc.



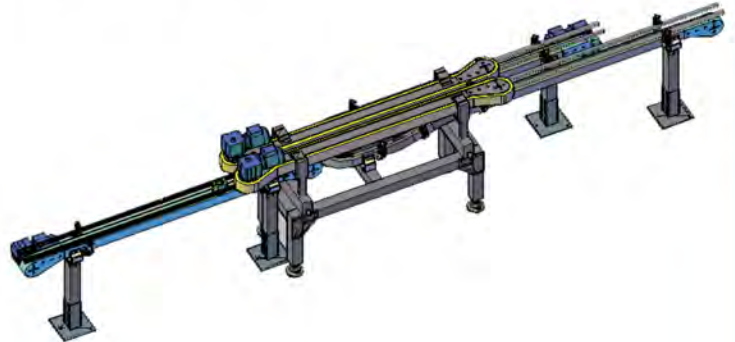
S - Flow



S-Type Gripper Conveyor to elevate empty tin can

2. Product De-Puck

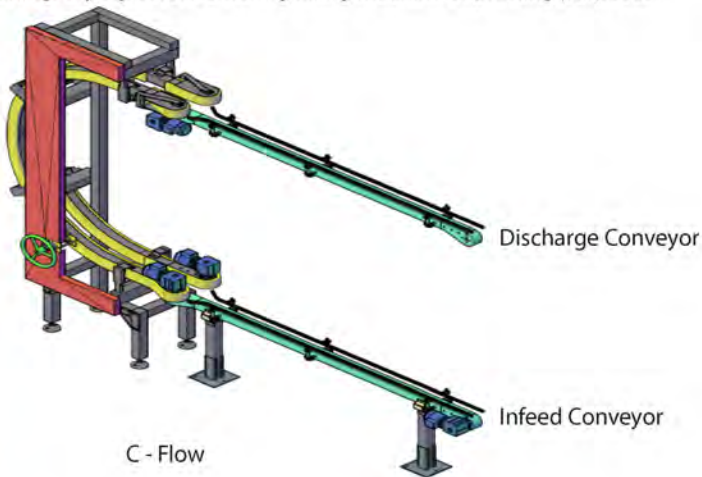
A simple depucking system could be achieved by fixing a short gripper conveyor above plain chain conveyor. Filled bottles are removed from it when entering the gripper conveyor and transferred to another conveyor for the capping process while the puck returns to the starting point to be filled with fresh empty bottles.



Gripper Conveyor for product de-puck

3. Product Reverting

Picks up items from an infeed conveyor, changes product orientation up side down, and delivers them to a discharge conveyor. Drives are always placed at the discharge end. This type of conveyor is used for cleaning, drying before entering filling machine or printing purposes.



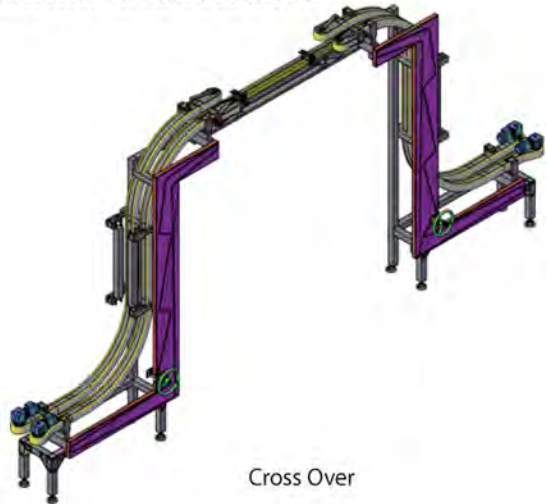
C - Flow

Discharge Conveyor

Infeed Conveyor

4. Creating Passage Way

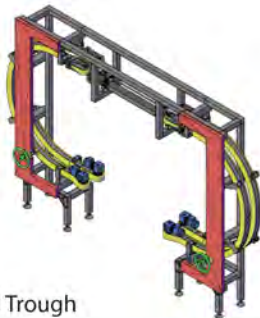
Picks up items from a horizontal infeed conveyor, brings product above head clearance at a short distance, then declines and levels out to deliver them to a horizontal discharge conveyor, permitting operator or forklift access from one side to the other.



Cross Over

5. Inverter Air Rinsers

Picks up product from a horizontal infeed conveyor, inverts them 180°, passes them over an air rinsing or air rinsing/ionizing section (or other type of customer specified process equipment), inverts them 180° back to their original orientation, and delivers them onto a horizontal discharge conveyor.



Rinsers and Trough

6. Change Orientation

Gripper upender design changes the product orientation by 90°. It picks up items from an infeed conveyor, carries product up or down to a higher or lower elevation, and delivers them to a discharge conveyor. Drive units are placed at the discharge end.



Simple Gripper Upender



Gripper Upender

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