

# PHARMAFILL™

DEITZ COMPANY, WALL, NJ, USA

CONVEYORS, single lane, raised belt, sanitary design



- \* *Stainless steel body with aluminum end assemblies for sprocket support*
- \* *Modular design makes adding extensions easy*
- \* *Bolt pattern repeats every 12" along side of conveyor body for attachments*
- \* *Clamping bracket can be installed on the conveyor body to make attachments to.*
- \* *Flush side design makes side transfers easy from either side and either end*
- \* *Motor is mounted under the conveyor to conform to flush side design*
- \* *115 Vac, variable speed gear motor drive*
- \* *4.5" wide acetal tabletop chain belt*
- \* *Belt is supported 1.5" above conveyor body to make cleaning under the belt easy*
- \* *Rails and rail mounting hardware are an industry standard, readily available.*
- \* *Standard rail configuration is dual rails (upper and lower) both sides*
- \* *Modifications can be made to increase rail opening, rail height, or rail shape*

*Pharmafill conveyors are light weight stainless steel fabrications that are well suited for use in the packaging industry.*

*Hardware and dimensions conform to SAE and inch standard. All components are easily obtained in the US market.*

*Support legs are adjustable over a wide range centering on 35" above the floor.*

*Attachments like bottle indexing air cylinders, bottle spacing wheels, corner turntables for right angle transfers, reject stations, and transfer plates are available. Normally, holes are not drilled in the conveyor body to make an attachment. Instead, use the threaded holes in the vertical plate of the clamping bracket, that can be easily attached to the body of the conveyor. Threaded holes in the side of the conveyor are also available to bolt on attachments.*

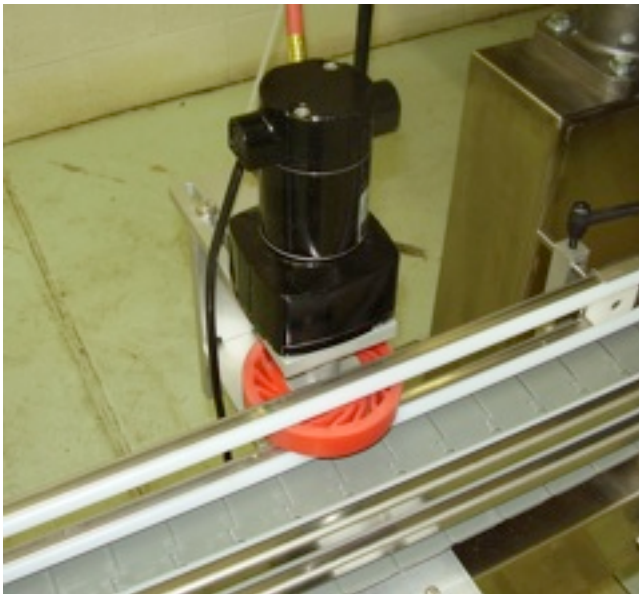
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## Pharmafill CV4.5 Conveyor Information-2



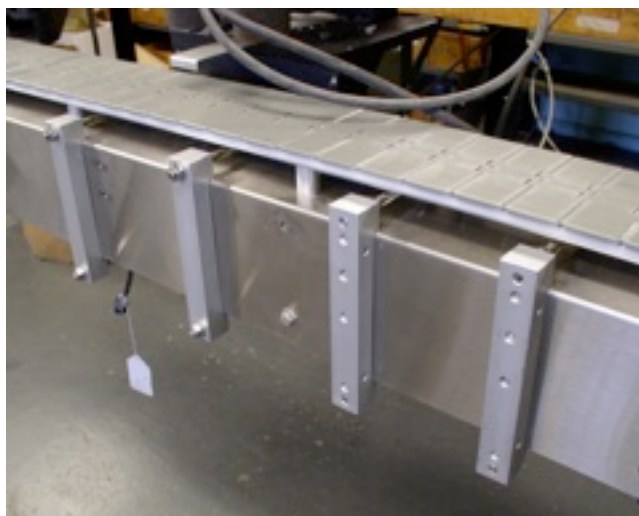
### **Rail Support Brackets and Rods:**

The bracket that mounts to the side of the conveyor will fit a bolt pattern that repeats every 12". The vertical and horizontal rods provide a range of adjustment for the rail assembly. If wider rail spread is necessary, spacers can be provided to mount under the side brackets. A special dual rail gripping bracket holds an upper and lower rail in it's grip. If a single rail is preferred, a single rail gripping bracket can be supplied at a lower price. Rail brackets are usually placed 24" apart.



### **Bottle Spacing Wheel:**

This variable speed gear motor assembly clamps around the body of the CV4.5 conveyor. A narrow, crushable, urethane wheel or roller protrudes between the upper and lower guide rails. As bottles move up to the wheel, they are slowed down by the slowly moving wheel. They can pass at a rate that is operator adjusted to be slower than the conveyor speed. This will create a space between bottles that would otherwise be next to each other, as they leave the spacing wheel. Spaced bottles are necessary for labeling, capping and neck



### **Clamping Bracket:**

Because the belt is raised above the body of the conveyor, threaded rods can be extended under the belt support framework. One set of clamp brackets consists of an upper and lower threaded rod, a front and a rear vertical plate. The plates are located front and rear around the conveyor body and the threaded rods pull the plates together. Tapped holes in the rear plate provide attachment points for devices that are used with the conveyor. A great advantage of the clamping bracket is you can relocate the position of an attachment along the conveyor by loosening and sliding the bracket right or left.