



Industrial Conveyor Specialists

**Installation, Maintenance & Parts Manual
For**

**MODEL 114
Slider Bed Trough Conveyor**

For Additional copies of this manual, please visit our website at
www.titanconveyors.com

Go to Info Center, Select the Maintenance Manual Tab
and select the manual for your model conveyor
or click on the link below.

<https://www.titanconveyors.com/info-center#823236-maintenance-manuals>



**Titan Conveyors
735 Industrial Loop Road
New London, WI 54961
920-982-6600
800-558-3616
FAX 920-982-7750**

**E-mail: sales@titanconveyors.com
Website: www.titanconveyors.com**

Serial No.



IN ORDER FOR THE CONVEYOR TO BE STABLE, THE SUPPORTS MUST BE LAGGED TO THE FLOOR OR SUPPORT STRUCTURE. THIS IS THE CUSTOMER RESPONSIBILITY!!

FRAME ASSEMBLY

1. To start, along side the area where the conveyor is to be installed, layout the frame sections in their proper position according to the ordered description or refer to your copy of the approval drawing.

NOTE: If several sections of frame are to be joined in a particular sequence, they will be factory matched marked. See **FIGURE 2**.

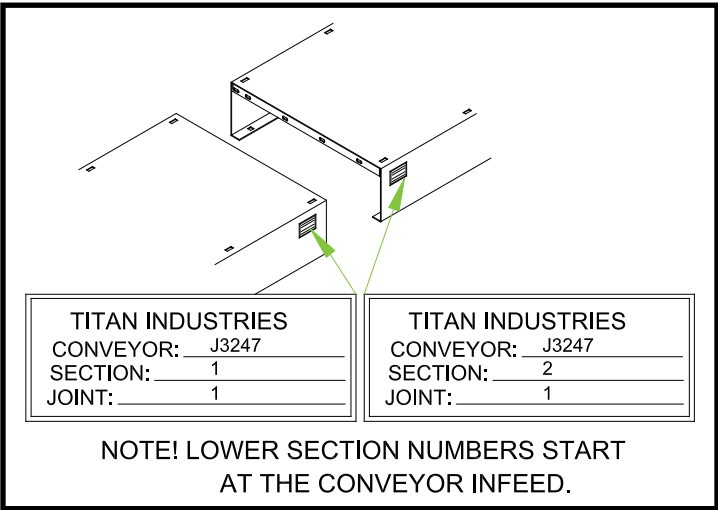


FIGURE 2

2. Layout a line on the floor to represent the centerline of the conveyor. As frame sections are bolted together make sure the frame remains centered on the line.
3. Generally, if there are short sections (1', 2' or 4'), position them adjacent to the drive section.
4. If a center take-up or center drive and take-up section has been provided, position the section as close to the center of the conveyor as possible.
5. Bolt together conveyor frames finger tight. Square frames and make sure all frames line up with adjacent section before securing all bolts. See **FIGURE 3**.

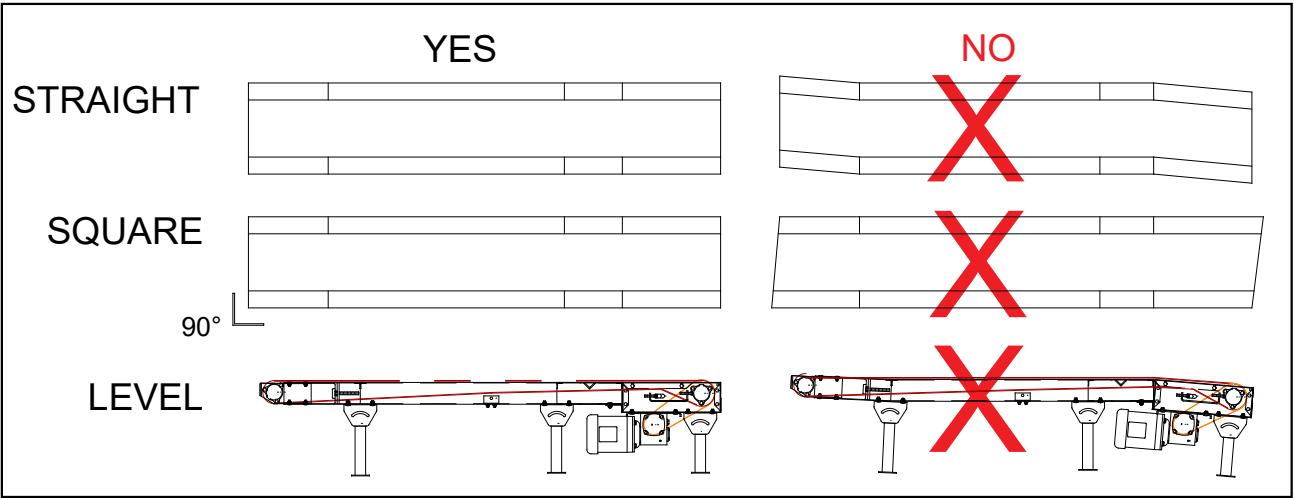


FIGURE 3



REMEMBER - ALL GUARDS AND BOTTOM PANS, IF PROVIDED, MUST BE REPLACED BEFORE RUNNING CONVEYOR. TITAN INDUSTRIES IS NOT RESPONSIBLE FOR INJURIES CAUSED BY NOT COMPLYING WITH SAFETY INSTRUCTIONS.

The diagram illustrates the assembly of a 3D printer, showing various components and their assembly order. The components are numbered 1 through 40, with some components having multiple instances. The assembly is divided into two main sections: 'OPTIONAL SIDEMOUNT DRIVE' and 'OPTIONAL OVERHEAD DRIVE'.

OPTIONAL SIDEMOUNT DRIVE: This section shows the assembly of the side mount drive. It includes a motor (23), a drive pulley (24), a timing belt (25), and a timing pulley (26). The motor is connected to the drive pulley, which is mounted on the side of the printer frame. The timing belt is then looped around the drive pulley and the timing pulley, which is mounted on the opposite side of the frame.

OPTIONAL OVERHEAD DRIVE: This section shows the assembly of the overhead drive. It includes a motor (23), a drive pulley (24), a timing belt (25), and a timing pulley (26). The motor is connected to the drive pulley, which is mounted on the top of the printer frame. The timing belt is then looped around the drive pulley and the timing pulley, which is mounted on the bottom of the frame.

Main Assembly: The main assembly shows the printer frame (1) and the various components that make up the printer. The components are numbered 1 through 40, with some components having multiple instances. The assembly is shown in an exploded view, with arrows indicating the assembly order. The components include:

- 1: Printer frame
- 2: Motor
- 3: Drive pulley
- 4: Timing belt
- 5: Timing pulley
- 6: Motor
- 7: Drive pulley
- 8: Timing belt
- 9: Timing pulley
- 10: Motor
- 11: Drive pulley
- 12: Timing belt
- 13: Timing pulley
- 14: Motor
- 15: Drive pulley
- 16: Timing belt
- 17: Timing pulley
- 18: Motor
- 19: Drive pulley
- 20: Timing belt
- 21: Timing pulley
- 22: Motor
- 23: Drive pulley
- 24: Timing belt
- 25: Timing pulley
- 26: Motor
- 27: Drive pulley
- 28: Timing belt
- 29: Timing pulley
- 30: Motor
- 31: Drive pulley
- 32: Timing belt
- 33: Timing pulley
- 34: Motor
- 35: Drive pulley
- 36: Timing belt
- 37: Timing pulley
- 38: Motor
- 39: Drive pulley
- 40: Timing belt

- 14

