



Industrial Conveyor Specialists

**Installation, Maintenance & Parts Manual
For**

**MODEL 305
Wire Mesh Belt Parts Conveyor**

For Additional copies of this manual, please visit our website at
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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>



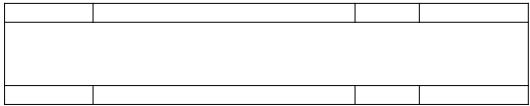

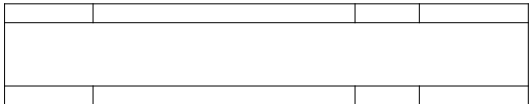

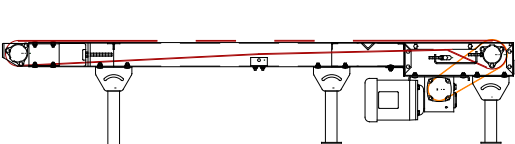
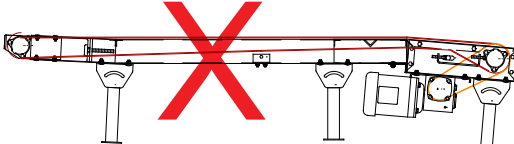
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Serial No.

FRAME ASSEMBLY

-
- TITAN INDUSTRIES**
 CONVEYOR: J3247
 SECTION: 1
 JOINT: 1
- TITAN INDUSTRIES**
 CONVEYOR: J3247
 SECTION: 2
 JOINT: 1
- NOTE! LOWER SECTION NUMBERS START AT THE CONVEYOR INFEED.**

	YES	NO
STRAIGHT		
SQUARE		
LEVEL		

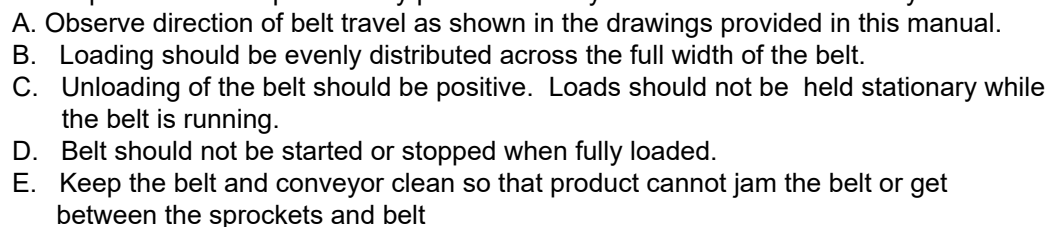
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5. The drive shaft must be perpendicular to the belt and the drive shaft and infeed sprocket must be parallel.
6. After making sure the conveyor is cleared off and the drive sprockets are moving the belt in the correct direction, run the conveyor. Tension the belt with the infeed take-up.



6. The following hints on belt operation will help avoid any problems with your wire mesh belt conveyor:
- A. Observe direction of belt travel as shown in the drawings provided in this manual.
 - B. Loading should be evenly distributed across the full width of the belt.
 - C. Unloading of the belt should be positive. Loads should not be held stationary while the belt is running.
 - D. Belt should not be started or stopped when fully loaded.
 - E. Keep the belt and conveyor clean so that product cannot jam the belt or get between the sprockets and belt
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For longest chain life a constant film or oil is recommended. We recommend a good quality non-detergent petroleum base oil. **Use the chart below**



DANGER

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.

This exploded view diagram illustrates the assembly of the 1000 Series 1000W Laser Cutter. The components are numbered 1 through 36. Key parts include the laser head (1), motor (2), and various mounting brackets (3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36). The diagram shows the laser head being mounted onto the main body of the cutter, which is supported by a base. An optional hopper (OPT. HOPPER) is shown at the top left. A separate inset labeled 'SUPPORTS' shows optional mounting hardware (30, 31, 32) for mounting the cutter to a wall or ceiling.

- **RECOMMENDED SPARE PARTS TO BE STOCKED AT YOUR LOCATION**