

Section VI. Troubleshooting

PROBLEM: Drive pulley turning, but belt is not

SOLUTION:

- Part caught in belt - (remove parts)
- Lagging on pulley, if equipped, worn out – (replace lagging)
- Belt too loose – (tighten belt)
- Side rails bent down on belt – (straighten side rails)
- Cleats, if equipped, rubbing on side rails – (adjust side rails out)
- Water or oil between belt and slide bed creating a suction - (clean slide bed and back of belt)

PROBLEM: Motor running but drive pulley not turning

SOLUTION:

- Key in shaft of motor missing – (replace key)
- Internal gears in reducer broken – (rebuild or replace reducer)
- Shaft on drive pulley broken – (replace drive pulley)

PROBLEM: Idler roller not turning when belt is running

SOLUTION: (Bushing Style)

- Dirt in idler roller – (remove shaft, clean and lubricate)
- Idler roller or shaft bent – (replace shaft or roller)
- Bushings in idler roller bad - (replace bushings)

SOLUTION: (Ball Bearing Style)

- Bearing worn out (replace idler roller)
- Idler roller bent – (replace idler roller)

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PROBLEM: Motor won't run

SOLUTION:

- Switch off – (turn switch on)
- Thermal overload tripped – (reset and turn on)
- Supply power disconnected – (reconnect power)
- Bad motor – (replace motor)
- Bad wiring – (check wires and connections)

**PROBLEM: Conveyor runs for awhile and then stops
(Thermal Protection tripping due to overload)**

SOLUTION:

- Heater in switch too small for motor – (check heater and replace if the wrong size)
- Motor pulling too much current – (remove overload, such as excessive belt drag or tension. Remove anything that might be caught in the belt)
- Motor going bad – (replace motor)

PROBLEM: Conveyor belt running off to the side

SOLUTION:

- Belt needs tracked – (re-track belt). See 'Belt Tracking' on page 16.
- V-guide, if equipped, wearing or coming off – (replace belt)
- Not enough belt tension – (increase tension slightly and re-track belt) See 'Belt Tensioning' on page 13