

Power Conveyor Trouble Shooting Guidelines

NOTE: Always consult and follow the manufacturer's recommendations for your conveyor.

TROUBLE	POSSIBLE CAUSE	SUGGESTED REMEDIES
Motor and Gear Reducer running very hot or hard to start	A. Lack of Lubricant B. Frozen Bearing, Sprocket or roller C. Overloading Issue D. Electrical Problem	A. Check for leaks. Add as needed. B. Inspect all sprockets and bearings. Replace any that do not rotate easily. C. Decrease load on conveyor. Check for belt obstructions. Increase motor horsepower. D. Check wiring, take amperage reading on motor under load. Replace as needed.
Motor and Gear Reducer make excessive noise	A. Lack of Lubricant B. Damaged Gears C. Faulty Bearing	A. Check for leaks. Add as needed. B. Replace as needed. C. Replace as needed.
Drive Chain, Conveying Chain, or Sprockets show excessive wear	A. Excessive Chain Tension B. Sprockets Misaligned C. Chain not Lubricated D. Damaged Sprocket/Chain E. Misaligned Chain Guard F. Dirty Chain	A. Reduce chain tension. B. Realigned with straight edge (FIG 1). C. Lubricate chain and remove excess lubricant. D. Replace damaged sprocket or chain. E. Adjust chain guard assembly as necessary. F. Clean chain and lubricate, wiping off excess.
Drive Chain, Conveying Chain, or Sprockets making excessive noise	A. Chain Tension to Loose B. Sprockets Misaligned C. Chain not Lubricated	A. Adjust chain tension (FIG 2). B. Realigned with straight edge. C. Lubricate chain and remove excess lubricant.
Pulsating Chain/Belt	A. Chain Tension to Loose B. Misaligned Chain Guard C. Conveyor Overloaded	A. Adjust chain tension. B. Adjust chain guard assembly as necessary. C. Check for obstruction or drag on conveyor.
Broken Chain	A. Frozen Bearing or Sprocket Shaft B. Worn or Damaged Chain C. Conveyor obstructed or Jammed	A. Inspect and replace bearings or sprockets as required. Repair chain and relubricate. B. Replace chain as necessary. C. Check for and remove obstruction or drag on conveyor. [see Hard to Start] above.
Sprocket Loose on Shaft	A. Loose Set Screws B. Worn/Damaged Key	A. Realigned with straight edge & retighten. B. Replace with new key.
Excessive Slack in Chain	A. Normal Wear under use Stretches Chain	A. Expect stretch for first two weeks of operation. Monitor and adjust chain tension as needed.

Chain Guards Not Show for Clarity.
Do NOT Operate Conveyor without Guards!

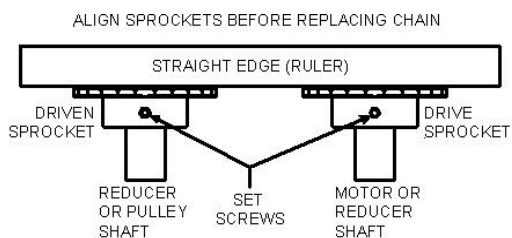


FIGURE 1

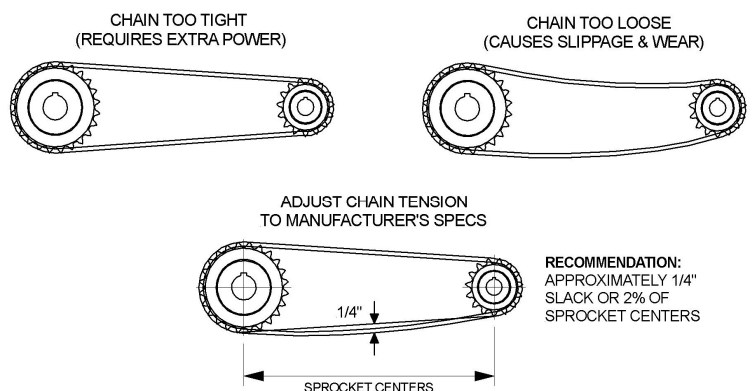


FIGURE 2