

OPERATION & MAINTENANCE

TROUBLESHOOTING TIPS

| | Problem | Probable Cause | Remedy |
|--------------------------|----------------------------------|---|---|
| Conveyor Problems | Conveyor will not start | Main disconnect off | Turn main disconnect on |
| | Conveyor will not run | Blown Fuse | Determine cause of blown fuse, correct problem, and install new fuse |
| | | Tail shaft sprockets out of alignment | Turn off conveyor, remove tail shaft cover and re-align sprockets |
| | | Low supply voltage | Turn off conveyor and have a qualified electrician check the supply voltage |
| | | Contaminated torque limiter | Turn off conveyor and clean torque limiter |
| | | Incorrect torque limiter tension | Turn off conveyor and re-tension torque limiter |
| Belt problems | Belt jerks or pulsates | Obstruction on belt or under covers | Turn off conveyor and clear obstruction |
| | | Conveyor belt is either too tight or too loose | Turn off conveyor and re-tension belt |
| | Uneven belt wear | Abrasive materials on edge of belt | Ensure material is deposited on center of belt |
| | | Insufficient lubrication | Increase amount of lubrication and/or lubrication frequency |
| | | Excessive belt loading | Check for material buildup and/or reduce loading |
| | | Load is uneven | Ensure material is deposited onto center of belt |
| | Belt pulls to one side | Conveyor not level | Check level and correct if necessary |
| | | Tail end sprockets are not aligned | Turn off conveyor, remove tail cover and re-align sprockets |
| | Side wings falling off | Cotter pins missing or damaged | Turn off conveyor, replace damaged or missing cotter pins |
| | Belt stops running | Blockage in infeed area | Turn conveyor off and clear blockage |
| | | Incorrect belt tension | Turn off conveyor and re-tension belt |
| | | Tail shaft sprockets out of alignment | Turn off conveyor, remove tail shaft cover and re-align sprockets |
| | | Low supply voltage | Turn off conveyor and have a qualified electrician check the supply voltage |
| | | Contaminated torque limiter | Turn off conveyor and clean torque limiter |
| | Incorrect torque limiter tension | Turn off conveyor and re-tension torque limiter | |
| | Problem | Probable Cause | Remedy |
| Abnormal noises | Squealing | Cotter pins dragging on frame | Turn off conveyor, all cotter pins are fully bent |
| | | Dry driveshaft bearings | Lubricate bearings |
| | Clicking | Loose drive chain | Turn off conveyor and re-tension drive chain |
| | | Foreign material in motor fan | Turn off conveyor and remove foreign material |
| | Knocking | Loose conveyor belt | Turn off conveyor and re-tension belt |
| | Scratching | Foreign material stuck in conveyor pan | Turn off conveyor and remove foreign material |
| | Grinding | Check gear motor | Replace gear motor if faulty |

