

Recommended Preventative Maintenance Program

The Ryson Narrow Trak Spiral Conveyors require little maintenance. The bearings are lubricated for life, and the chain only requires infrequent lubrication. The chain will stretch during operation and needs to be shortened occasionally.

Daily:

1. Inspect chain and replace any damaged or missing parts. Do not run spiral with missing slats.

Weekly:

1. Check chain tension. Shorten chain when needed. The chain may have to be shortened within the first 200 hours of operation. (See chain shortening instructions in manual.)

The chain gas spring should operate between 80 and 170 mm extended. The chain needs to be shortened whenever the gas spring is extended more than 170 mm

2. Check transition rollers and brackets. All rollers should turn freely and be adjusted to the correct height for smooth transitions. All hardware should be tight.
3. Check speed matching. The in-feed, spiral, and out-feed conveyors must be running at the same speed.
4. Check guide rails for proper position. All hardware should be tight.

Monthly:

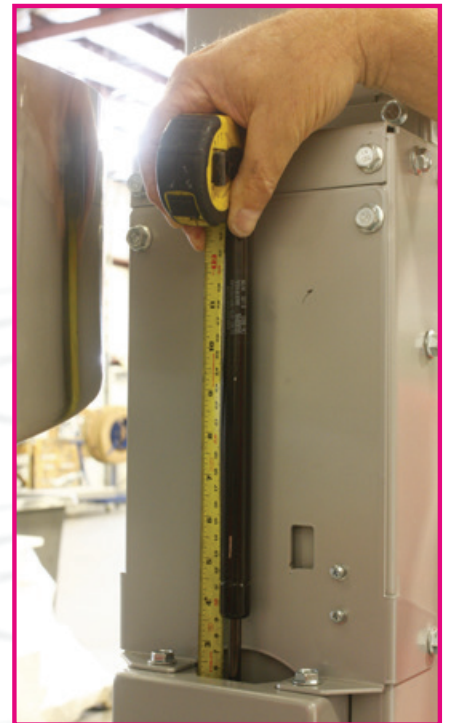
1. Check chain tensioner for functionality. Fault out the slack chain limit switch. The spiral and in-feed conveyors should stop immediately and should not automatically restart.
2. Check the out-feed jam sensor, if installed, for functionality. Loads should not back up into a running spiral. The spiral and the infeed conveyor should stop immediately.

Quarterly:

1. Check chain and sprockets for wear and lubrication. Apply lubricant sparingly to prevent dripping and buildup. Do not lubricate plastic parts. We recommend the use of spray application.

Every 2 years:

1. Change oil in the motor gearbox.



Please refer to the maintenance manual for more details. The Ryson Service Department is always available to assist with installation and service questions. Feel free to call 757.898.1530 or e-mail service@ryson.com with questions.



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