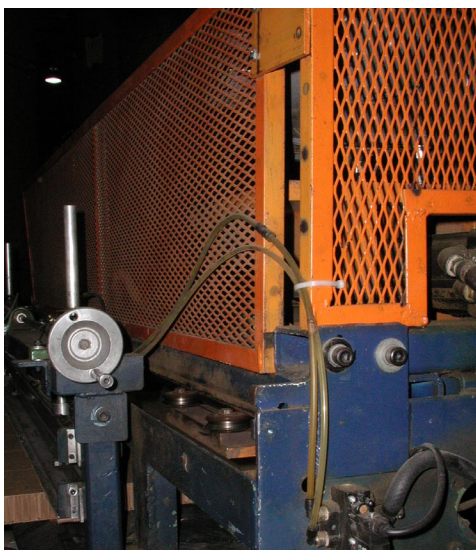


Paper & Wood Industry

Application Profile



Gritty Environment Calls for Rugged and Reliable Solution

The Unit Manager responsible for the redesign says, “Five to six million shear cycles later, it remains a really reliable, simple-to-use system.”

Challenge

An arbor plate ran on recirculating ball guides over a hardened shaft. In an environment of gritty, fine dust and even with wiper seals on the ball guides, the machine was going through four bearings every three months and two rods every six months.

Application Description

A flying shear used to cut Hexacomb® panels to length consists of a saw and its motor mounted on an arbor plate, which is pushed and pulled by a rodless air cylinder.

Solution

To reduce the failure rate of the flying shear, Bishop-Wisecarver DualVee® wheels and track were designed in. After DualVee was installed, “the dust and glue was being forced off to the ends of the track, like a squeegee.” Maintenance has been reduced to a once-a-year adjustment!

Products Used

- Undriven LoPro®
- DualVee Guide Wheels
- Single Edge Hardened Track

Contact us to discuss your specific linear motion needs: 888.580.8272
– or visit us online at www.bwc.com

(Catalogs may be downloaded directly from www.bwc.com)