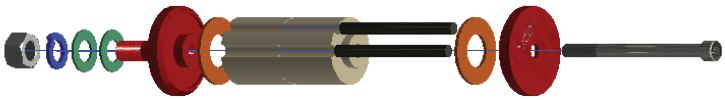
STATIC DANCER ROLL (SDR)

Patent Pending



Operation Problem

Spindle downtime caused by bearing failure in various rotating guides: tensioning/dancer rolls, roller boxes, traversing guides

Sjogren Innovation

Static, non-rotating guides that utilize carbide rails to provide years of functionality with minimal service

Case Study

Initial trial data indicates that SDR shows little to no wear after two and a half years of operation. If wear becomes apparent, a simple rod adjustment (less than one minute) can provide a new surface with no downtime for the line.

- Non-rotating: guides never experience bearing failure
- No spindle uptime lost to replacement or maintenance of bearing-based guides
- Multiple applications: can be used to permenantly replace components of dancer rolls, roller boxes, traversing guides, etc.

Testimonial

We have replaced many conventional tuner rollers with the static wire guides. In time all will be replaced. The static rolls are second to none. Some have been on the machines 18 months. The static rolls will save your wire mill money, down time, and improves quality of the wire. I have found no cons, just all pros.

Dan Rosenbaum
Plant Superintendent
Leggett and Platt

NON-ROTATING Dancer or Guide

Advantages

- Light weight
- No bearings, non-rotating
- High wear, low Friction tungsten carbide rods
- Easily installed in any application
- Extremely long life with multiple wear surfaces
- Reduces maintenance cost
- Machine downtime is reduced significantly
- Prevents wire surface damage and scratching

Providing wire tooling equipment since 1927
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