

## Ball Screw Compensator Retrofit

TIP Z024-0002

Gravure Print Decks

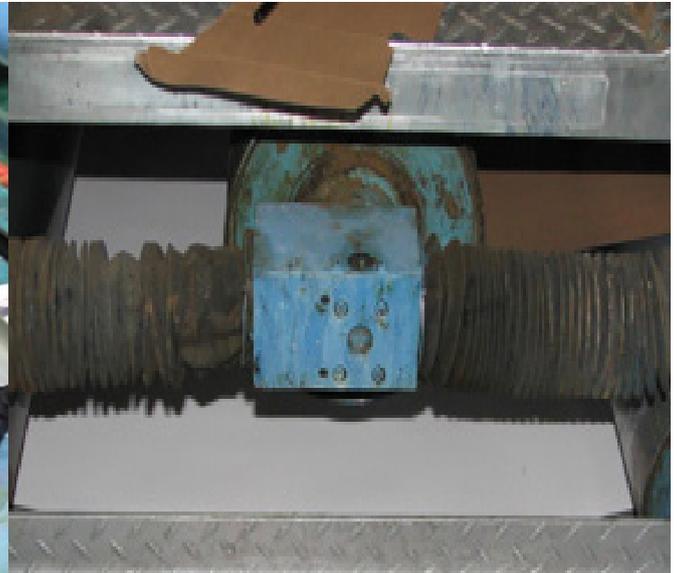
### Benefits:

- This improvement replaces the existing obsolete ball screw compensators with new units.

Safety	<input type="text"/>
Obsolescence	<input type="text"/>
Quality	<input type="text"/>
Cost Reduction	<input type="text"/>
Performance	<input type="text"/>
Maintenance	<input type="text"/>



Revised Design



Original Design

## Ball Screw Compensator Retrofit

**Machine Model for Improvement:** All multi-color Gravure units

### Description of Improvement:

This improvement replaces the existing obsolete ball screw compensators with new units. This improvement includes the idler rolls, ball screws, limit sensing devices, motors and drives needed to replace the existing equipment. An electrical interface is included to allow the units to be controlled manually as well as being interfaced to a print to print control system.

# Ball Screw Compensator Retrofit

## Included in this TIP:

- All required parts
- Necessary engineering
- Updated documentation pages for relevant sections

## Estimated downtime, no production:

- 10 days

## Estimated startup, limited production:

- 3 day

## Estimated monitoring in production:

- 3 day

## Required manpower:

- 1 BW Papersystems Mechanical Field Service Engineer
- 1 BW Papersystems Electrical Engineer
- Additional Assistance from Customers' Maintenance

(Additional local resources to be determined, if needed)

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