

### Replacement of Conventional Rotary Die Cutter by Variable Gap System

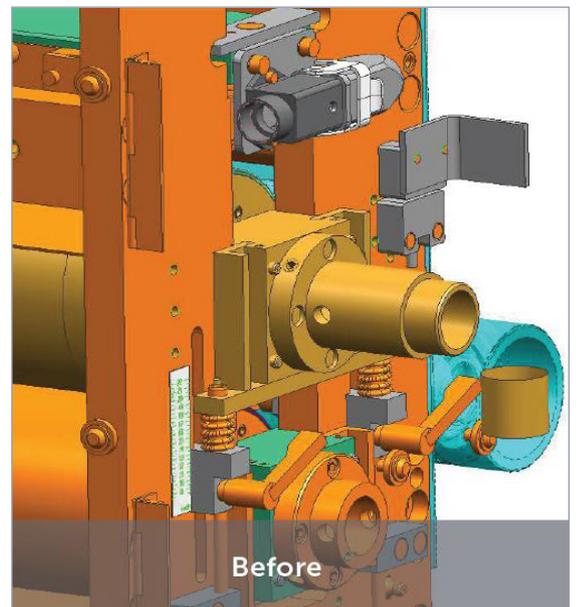
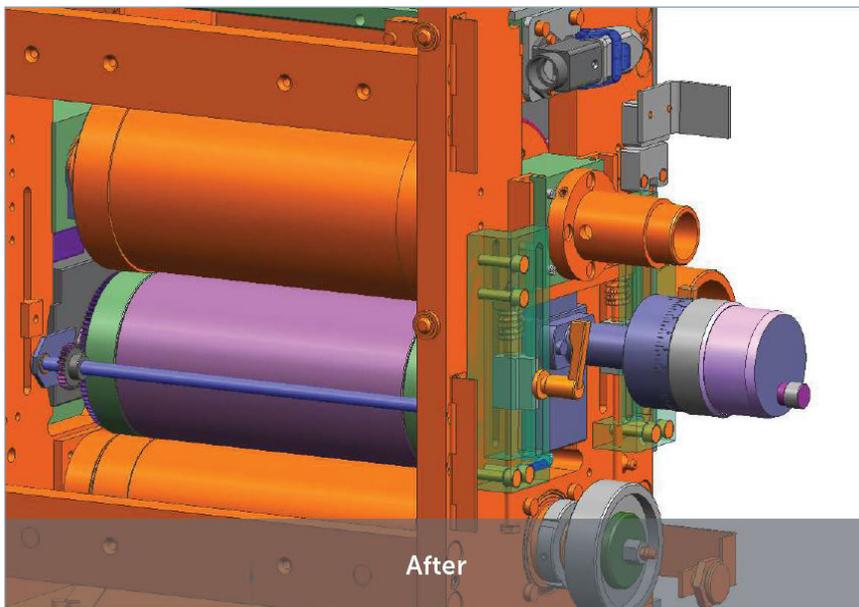
TIP R-5030

Rotary Die Cutting

#### Benefits:

- Adjustable, variable gap instead of a fixed gap
- Longer lifetime of the rotary die cutting tool, reduced wear
- Expanded product range with higher quality
- Backside punching still possible, now also adjustable

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"/>



### Replacement of Conventional Rotary Die Cutter by Variable Gap System

**Machine Model for Improvement:** All T165 RFID machines with a bearer ring rotary die cutting unit.

#### Description of Improvement:

This upgrade is part of the Technical Improvement Program (TIP), and it will incorporate the variable gap concept benefits into the die cutting station of the RFID converting process.

The upgrade enables a sensitive adjustment of the gap between cutting cylinder and anvil roll in the total range of +/- 0,1mm in increments of 8µm.

With this concept we retain the possibility of both, front side or backside die cutting, the variable gap feature is available in both cases.

# Replacement of Conventional Rotary Die Cutter by Variable Gap System

## Included in this TIP:

- All required parts
- Necessary engineering
- Updated documentation pages

## Estimated downtime, no production:

- 2 Days

## Estimated startup, limited production:

- 1 Day

## Estimated monitoring in production:

- 1 Day

## Required manpower:

- 1 BW Papersystems Field Service Engineer
- 1 Skilled Mechanic by customer
- 1 Skilled Electrician by customer

(Additional local resources to be determined, if needed)

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