



ROBOFEED - Automatic Ream Counting & Feeding for Folio Wrappers



TIP W 1600

Ream Infeed

Benefits:

- Accurate counting of sheets with counting disk
- Automatic feeding of reams into wrapper
- Increased efficiency & constant performance
- Significantly reduced manpower due to automation

Safety



Obsolescence



Quality



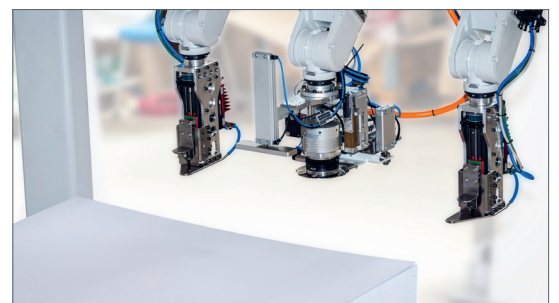
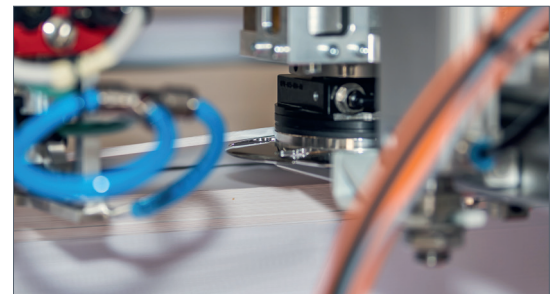
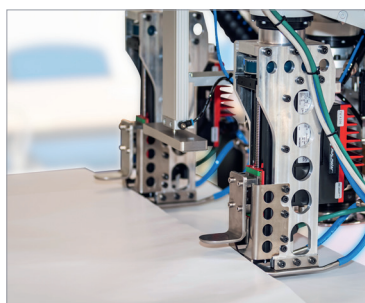
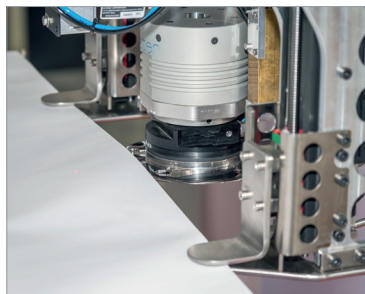
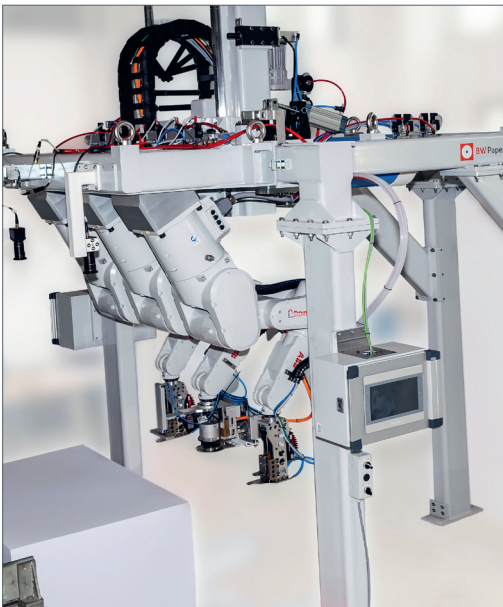
Cost Reduction



Performance



Maintenance



ROBOFEED - Automatic Ream Counting & Feeding for Folio Wrappers

Machine Model for Improvement: All folio-size wrappers, including equipment not made by BW Papersystems

Description of Improvement:

The ROBOFEED is a stand-alone fully automatic ream counting and feeding system that can be integrated into any folio ream wrapper. This sophisticated, state-of-the-art robotic solution eliminates the need of operators. However, it still offers the flexibility to run the wrapper in a conventional way, with manual ream infeed by operators, if needed.

Three robots suspended from a structure form the heart of this upgrade. The robot in the middle, equipped with a counting disk, is accurately counting many different grades of products. Two robots on the outside are feeding the reams into the wrapper. This automation increases overall efficiency by eliminating operator fatigue while providing constant, predictable operation.

With this automatic infeed, in a 3-shift operation, up to 4 machine operators are freed up for other tasks. ROBOFEED offers even further automation options. Dual HMI's allow convenient input of additional parameters into the system already in operation.

With various safety functions, the ROBOFEED ensures safe operation in both fully automatic and conventional mode. To ensure a proper ream feeding position for precise wrapping, the ream and the pallet positions are continuously monitored by a camera system. It provides feedback to the robotic control system and host machine to allow small adjustments as needed for precise feeding position. Size changes at the ROBOFEED are done automatically and extremely fast.

ROBOFEED - Automatic Ream Counting & Feeding for Folio Wrappers

Note:

Due to the large number of different wrapper models and configurations as well as individual requirements, pre-engineering work is necessary to ensure our detailed offer takes into account the actual specifications of your wrapper.

Included in this TIP:

- All required parts
- All required engineering
- Updated documentation of the relevant sections

Estimated downtime, start-up and monitoring:

To be defined - depending on individual machine type, configuration & product mix

Required manpower:

- 2 BW Papersystems Field Service Engineers
- 4 Skilled mechanical, by customer
- 2 Skilled electricals, by customer

Estimate only - depending on machine type, configuration, and product mix.

(Additional local resources to be determined, if needed)

For further information and any questions regarding this TIP module or further Aftermarket Service offerings, please contact:

Your regional **Aftermarket Sales Executive**

or email us at

sales@bwpapersystems.com

In case of emergency, please contact our Helpdesk hotline 24 hours a day:

WORLDWIDE: +49 4103 7048 288
helpdesk.hamburg@bwpapersystems.com

NORTH AMERICA: +1 920 458 2500
(+1 833 BWPAPER or +1 833 297 2737 toll-free, US only)
helpdesk.sheboygan@bwpapersystems.com

Please note: these statements are for general information only and are subject to change without prior notice. We would be pleased to send you a detailed offer, following an inspection of your machine.

01/2023