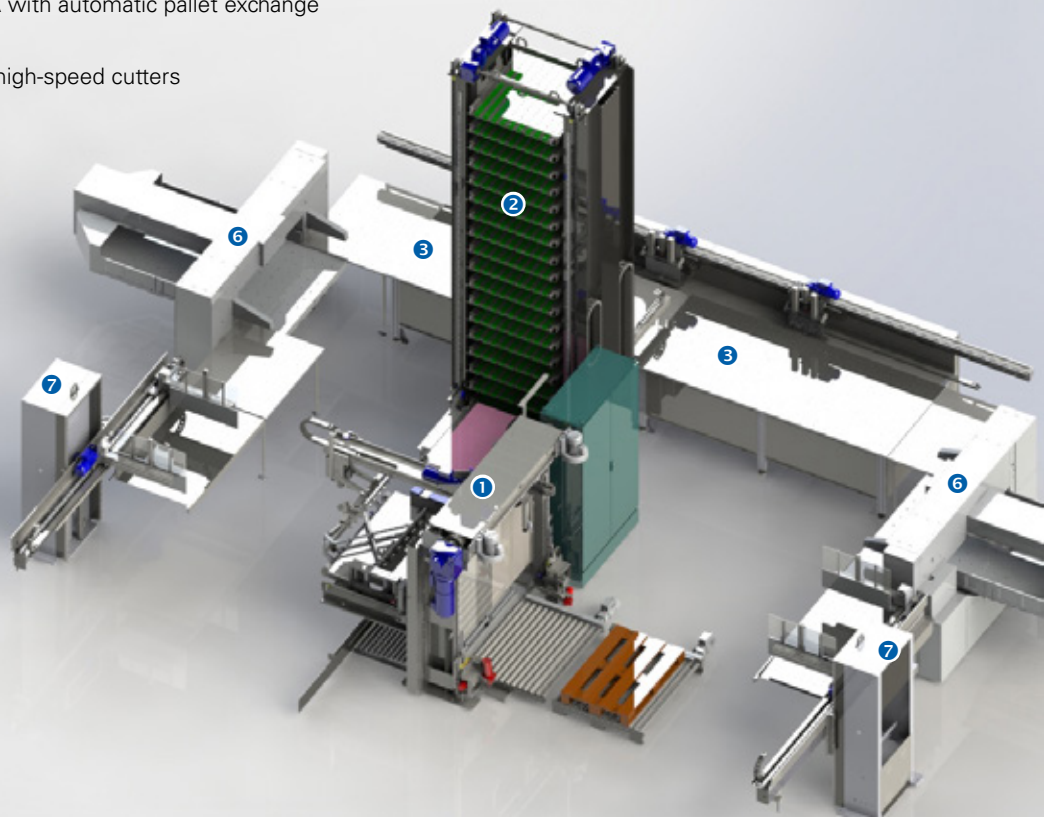# CUTTING SYSTEM GAMMA 4.0

YOUR REQUIREMENTS

- Cutting-times of > 5 min. per ream
- Greatly differing print runs
  (one ream / print run ↔ several pallets / print run)
- Short jogging times ↔ long cutting times
  (extensive logistics and time-consuming order management)

THE NEW CUTTING SYSTEM GAMMA 4.0 GOES BEYOND THE BOTTLENECK !

This system has been made for all customers, who process large cutting volumes and who are confronted with cutting times of more than 5 minutes per ream – the majority of the orders consisting of small and medium print runs.
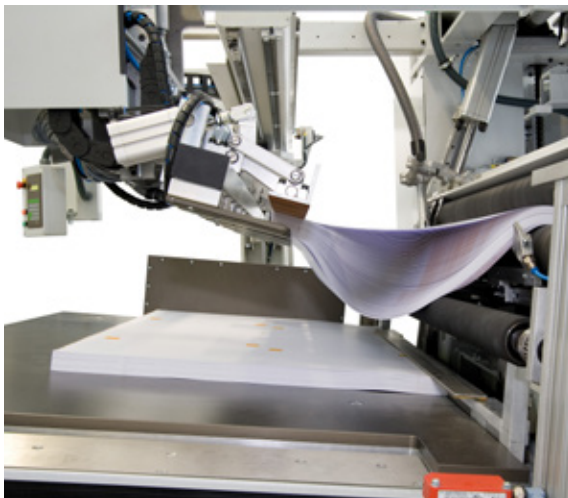
WHICH DEVICES ARE AVAILABLE? ?

1. Automatic jogging system BASA with automatic pallet exchange
2. Storage rack BMR
3. Automatic transfer towards the high-speed cutters
4. Automatic order management
5. Automatic order assignment
6. High-speed cutter
7. Unloader

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WHICH PILES CAN BE PROCESSED?

- Piles of printed sheets
- With several print jobs / pile
- The printer inserts chips between the separate jobs
- Waste paper is also marked with chips
- A QR-code with the job data is printed on each sheet

Automatic jogging system BASA in operation

WHICH ARE THE INDIVIDUAL STEPS OF THE PROCESS CHAIN?

- The pile is automatically transferred into the BASA via a logistic system.
- The pile's QR-Code is detected.
- The program for the BASA is generated automatically on the basis of the job data.
- The jogging-process is started automatically.
- The job is registered within the ERP-system.
- The jogged ream is automatically transferred to the storage rack BMR.
- A photo is taken of the top sheet; the photo is registered within the order management sytem.
- The ERP is informed that the ream is ready for the cutting process. (The ERP system is aware of the position of each single ream within the system at any time.)
- Within the control station, each job is assigned to the high-speed cutters according to the intended sequence.
- The high-speed cutters request the subsequent jobs.
- The high-speed cutters are equipped with an order management system, which
  - recognizes the bar code → automatically creates the adequate cutting program
  - recognizes the photo of the top sheet
  - knows the number of reams within the current job
  - recognizes the order number of the current job
  - knows the format and grammage of the current job
- The operator can see all information within the cutter's display
- Each process step is indicated on the display.

COME AND SEE FOR YOURSELF!

You will be inspired by this innovative cutting-line.
Highest automation for the industrial cutting process.

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