BW Papersystems, part of the Barry-Wehmiller group, builds capital equipment that converts paper into products used by consumers - every day, all over the world. We offer innovative technologies, service and parts plus, long-standing global experience, in the corrugating and finishing; sheeting and packaging; stationery; book-binding and security-documents industries. Customers rely on us for machines to create items such as: corrugated boxes, folding cartons, passports, notebooks, copier paper, and more.
**Flexible cut-size sheeter for versatile converting of copy paper or loose leaves including optional inline ream wrapper and cartonizer**

The P23-02 is a reliable, automatic cut-size sheeter (3 pockets) with optional inline ream wrapper (CSW 25, CSW 30 or Pemco Model 32) and cartonizer (CSC60) for converting cut-size paper in medium production runs and with sizes ranging from A4 to A3 (8 1/2” x 11” up to 11” x 17”).

- Reliable and efficient production line for all common sizes - from A4 up to A3 (8 1/2” x 11” up to 11” x 17”) and knife loads up to 500 g/m²
- High efficiency due to easy handling
- Constant high quality products
- Allows running up to 6-pockets wide reels on a 3-pockets sheeter
- Production speed up to 500 m/min.
- Small footprint (especially compared to 6-pockets line) & fast installation
- Options include ream turning station (A3 size), rotative file hole punching, cut-to-register, flexo ruling, etc.

**Appropriate for...**

- Paper converters
- Paper mills

bwpapersystems.com
Description

1. Unwind stands
2. Web edge guiding
3. Splice detector (option)
4. Turning bar / Web splitting
5. Slitting
6. Cross cutter
7. Reject gate
8. Overlapping
9. Collecting
10. Cross transfer
11. Turning station (option)
12. Ream wrapper CSW 25 (for wrapping into paper) or CSW 30 / Pemco Model 32 (for wrapping into paper and PP-OPP film) from sheets or reel
13. Belt conveyor
14. Labeller
15. Conveyor
16. 90° roller conveyor
17. Turning conveyor
18. Cartonizer (CSC60)
19. Conveyor
20. 90° roller conveyor

Advantages

- Different unwind systems for any demand
- Cutting with highest precision
- Reject gate for rejecting splices with counting correction in collecting
- Register cut possible, size correction on every cut
- Fast & easy change-over of sizes on sheeter and wrapper
- Sheet or reel feeder for economic feeding of wrapping paper
- Glue application outside of wrapper for easy access

Options

- Turning unit in front of wrapper for reams in A3 (11" x 17") size
- Wrapping systems for different demands
- Flexo ruling for loose leaves
- Synchro knife block or direct driven (DD) knife block, depending on required output & cut-off length
- Narrow reels without turning bars in line with sheeter
- Different collecting stations optimized for different capacities and ream heights
- Splice detector

WillPemcoBielomatik
Technical Data

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Paper reel diameter</td>
<td>1,530 mm / 60° (max.)</td>
</tr>
<tr>
<td>Paper reel width</td>
<td>720 mm / 28.3° (max.) 1,280 mm / 50.4° (max.) optional: 1,440 mm / 56.6° (max.)</td>
</tr>
<tr>
<td>Working width cross cutter</td>
<td>720 mm / 28.3° (max.)</td>
</tr>
<tr>
<td>Paper weight</td>
<td>min. 50 g/m², max. 500 g/m² - Synchro knife  min. 50 g/m², max. 500 g/m² - DD knife</td>
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<tr>
<td>Core diameter</td>
<td>70 - 190 mm / 2.75° - 7.5° - mech. self clamping or - hydraulic clamping</td>
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<tr>
<td>Production speed (max.)</td>
<td>500 m/min. / 1,640 ft/min. (DD knife: according to speed curve)</td>
</tr>
<tr>
<td>Cutting frequency (dep. on cut-off length)</td>
<td>1,700 per minute (max.) (DD knife: according to speed curve)</td>
</tr>
<tr>
<td>Cut-off length</td>
<td>200 mm / 7.9° (min.) 470 mm / 18.5° (max.) DD knife: max. 520 mm / 20.5°</td>
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<tr>
<td>Cutting tolerance</td>
<td>+/- 0.15 mm / 0.006°</td>
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<tr>
<td>Ream height</td>
<td>min. 1 mm / 0.04° - max. 70 mm / 2.75°  min. 10 mm / 0.4° - max. 127 mm / 5° depending on collection station</td>
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<tr>
<td>Exit cycles</td>
<td>15 per minute (max.) 30 per minute (max.) depending on collection station</td>
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<tr>
<td>Reams</td>
<td>45 per minute (max.) 90 per minute (max.) depending on collection station</td>
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Options

- Reject gate for unwrapped & wrapped reams
- Rotative hole punching for file holes
- Detecting of print marks for cut to register
- Automatic web control to minimize trim