In paper processing, Hunkeler is your partner in the four areas of Digital, Web Finishing, Disposal and Manufacturing. Our customers benefit from the synergies that are created from the interaction of these four areas: We think as a whole and are therefore in the best position to efficiently serve the highest demands.

Digital
We develop successful system solutions for computer centers, Print On Demand (POD) environment, as well as for mailing and form manufacturers, printers, finishing companies and bookbinders.

Web Finishing
Hunkeler equipment converts simple printed paper webs into richly varied and multifunctional communication and advertising materials. Modular systems process short-run and long-run jobs with full automation.

Disposal
With complete systems and individual units for paper processing, we ensure the purposeful removal and disposal of material remnants for increased production efficiency.

Manufacturing
Hunkeler will manufacture machine components according to your specifications. You can source everything you need from one supplier, while utilizing our experience in the production of prototypes, individual parts, or small and medium series.
Newspaper printing «on demand»

**UW6 / UW7 Unwind module**
The new generation unwinder UW6/UW7 was specifically designed for a flexible, high-performance environment. Ease of use, enabled by the automatic dancer control system, and user guide with touch panel reduce setup times to a minimum. Rolls with diameters of up to 1370 mm are loaded semi-automatically. A triple dancer guarantees optimum acceleration of the web, and provides for the processing of a wide range of paper weights. The dancer weight can be decoupled completely by the loop control to allow for tension free feed into high-performance digital printers and cutters.

**DC7 Drum collator module**
Within the drum collator, sheets processed by the cutting module are collated on a rotary drum. This innovative patent approach to sheet assembly works continuously, without printer stop regardless of the number of sheets to be collated. The unique rotary aspect of the module’s design results in precise and gentle handling of the product. Essential processing data regarding format, sections, and diversion of waste sheets is transferred directly from the cutting module. Set-up and adjustments are easily performed at the touch screen display panel. Optional gluing device for dot and line gluing with up to four glue nozzles.

**CS6 / CS7 Cross- and length cutter**
The rotary cross cutter CS6 consistently produces clean, accurate cuts at exact angles, ensuring the highest levels of productivity and quality of output. In combination with the register control software, it also provides the precision essential to the finishing process. Setups, as well as adjustments are easily performed at the display panel, and dynamic changes in cut length are carried out automatically based on barcode information. An integrated diverter separates waste from the production output.

**Stage of extension**
- Second fold unit with a knife folder for finishing and output.

**Technical Data, Newspaper production line**

<table>
<thead>
<tr>
<th>Feature</th>
<th>POPP6 (UW6-CS6-DC7)</th>
<th>POPP7 (UW7-CS7-DC7)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web width</td>
<td>11” – 20.5”</td>
<td>11” – 26”</td>
</tr>
<tr>
<td>(279 – 520 mm)</td>
<td>(279 – 660 mm)</td>
<td></td>
</tr>
<tr>
<td>Cut length</td>
<td>up to 31.9”</td>
<td>up to 31.9”</td>
</tr>
<tr>
<td>Paper weight</td>
<td>40 – 120 gsm</td>
<td>40 – 120 gsm</td>
</tr>
<tr>
<td>Speed</td>
<td>up to 150 m/min</td>
<td>up to 110 m/min</td>
</tr>
<tr>
<td></td>
<td>(500 ft/min)</td>
<td>(360 ft/min)</td>
</tr>
<tr>
<td>Collating capacity</td>
<td>2 – 24 Sheet*</td>
<td>2 – 24 Sheet*</td>
</tr>
<tr>
<td>Folding system</td>
<td>2:12 Sheets dynamic production, over 12 sheets static processing only, prior testing required</td>
<td></td>
</tr>
<tr>
<td>Produktivitätsbeispiel</td>
<td>1180 ex/h Broadsheet (cut length 24.8”)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2270 ex/h Tabloid (cut length 12.99”)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>with printer speed 500 ft/min, 48 pages</td>
<td></td>
</tr>
</tbody>
</table>

*Depending on paper

Features

- Production of individual editions (broadsheet and tabloid format)
- Dynamic newspaper production
- Electrostatic stack fixing
- Automatic diversion of waste sheets
- Optional book/booklet production
- Gluing options
  - Line gluing
  - Dot gluing

Patent pending

Newspaper, brochure and signature production

This pioneering response to current industry challenges addresses a number of different issues, such as decreased circulation, reduced advertising volume, greater competition, and a need for increasingly timely news. The innovative concept underlying this technology allows the geographically independent production of up-to-date newspapers, digitally printed in the well-known broadsheet format. Center stage to the solution is the drum collating module DC7. This module collates the duplex printed sheets of variable size. The papers leave the collating module as an electrostatic fixed stack.

As an industry first, this solution offers publishers the opportunity to produce as few or as many newspapers, with as few or as many pages as locally pertinent, anywhere in the world. From any location, editors will modify, fine-tune, and revise data to make it completely relevant to specific markets before transmitting it via internet to the printing location. In addition, content is edited and advertising added promptly, even during the printing process, thanks to the digital print system’s dynamic layout capabilities. This technology is revolutionary in that it offers an entirely novel approach to newspaper production. During off-peak hours the system can be used, for the the production of brochures, book signatures or mailings.