The new HP Indigo 100K Digital Press is the world's most productive B2 digital solution with true digital non-stop print capabilities, at 6,000 sheets per hour.

A breakthrough press that completely recalculates your total cost of ownership.

A profit center that boosts margins on the short runs you're already doing, and a business generator that accelerates you into a world of untapped digital business opportunities.

Born to Run

From competitive short runs to long term strategic gains

Rewrite the rules of profitability

Up your game with non-stop printing

Made for the way you work
# HP Indigo 100K Digital Press

## Technical specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
</table>
| **Printing speed**     | 4500 sheets per hour 4/0  
6000 sheets per hour in Enhanced Productivity Mode (EPM) 3/0  
2250 sheets per hour 4/4 |
| **Image resolution**   | 812 dpi at 8 bit, writing system addressability: 812 dpi (virtual 2438 x 2438 dpi) |
| **Line screens**       | 175, 180m, HMF 200 lpi, 180mEPM |
| **Sheet size**         | Maximum sheet size: 750 x 530 mm  
Minimum sheet size: 510 x 330 mm |
| **Image size**         | 740 x 510 mm maximum |
| **Paper weight**       | Uncoated media: 70 gsm to 400 gsm.  
Coated media: 90 gsm to 400 gsm:  
Thickness: 75 to 450 microns |
| **Feeder**             | Palette feeder: 850 mm of media.  
Drawer feeder: Two drawers, each with 300 mm of media. |
| **Stacker**            | Main stacking tray with 640 mm stack height supporting offset jogging |
| **Print servers (DFE)**| HP SmartStream Production Pro Print Server |
| **Press dimensions**   | Length: 9500 mm; Width: 4800 mm; Height: 2400 mm |
| **Press weight**       | 12,500 kg |
| **Cloud connectivity** | Via HP PrintOS |
| **HP Indigo ElectroInks** | Standard 4-color printing  
Cyan, magenta, yellow, and black |

## OPTIONS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Auto Alert Agent</strong></td>
<td>Enables on-press quality alert system</td>
</tr>
<tr>
<td><strong>Add-on feeder two drawers’ unit</strong></td>
<td>Add-on two drawers to make a five-source feeder</td>
</tr>
</tbody>
</table>
MADE FOR THE WAY YOU WORK

It’s easy to add, intuitive to use, and quick to contribute with print quality that matches your offset press, and fits seamlessly into the workflow of your shop.

It’s ready to be dropped into your facility and work in perfect harmony with your offset press.

- **Looks and feels like offset**, on the broadest media range
- **Ensure highest HP Indigo image quality** and unmatched color consistency through non-stop color calibration
- **Experience robust and highly predictable paper transport** through offset like gripper-to-gripper architecture
- **Guarantee continuous manufacturing** through intuitive and efficient workflow solutions.

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Rely on the most predictable production cell, generating the highest digital B2 sheets throughput in the market (over 2M B2 sheets per month).

- **Non-stop stacking**
  Robust delivery with an advanced depositing unit to assure perfect stacking

- **Color calibrating while printing**
  Innovative spectrophotometer design resulting in uncompromised color throughout a continuous print

- **Predictive Services**
  AI driven services with predictive capabilities for failure prevention

- **Exceptional reliability**
  Highly predictable press with offset paper handling architecture, driving operational excellence

- **Non-stop feeding**
  5 input sources feeder enabling fast switchover between jobs and paper types

Produce innovative jobs back-to-back, with true non-stop digital print capabilities.

- **HP Indigo 100k Digital Press** provides high reliability and predictability which are expected from a press that is targeted to the highest production volumes

 Immediate switchover between jobs with different media types with multiple input and output media sources.

**6000 SHEETS PER HOUR**

**UP YOUR GAME WITH NON-STOP PRINTING**

**UNPRECEDENTED PRODUCTIVITY**
REWRITE THE RULES OF PROFITABILITY

Get ready to rewrite the rules for total cost of ownership. Increase margins on short run work, and rededicate your offset presses to running higher profits on the long runs they were made for.

Reduce labor costs with a highly automated press allowing multi-press operation by a single operator.

Deliver faster. Reduce makeready time. Introduce same day delivery. Do not waste time waiting for the perfect gang.

Reduce plate volume and aluminum consumption through short run volumes migration.

Save at the bindery as sheets come out collated from the press.

Ensure press uptime and reduced service costs with AI-driven serviceability.

Reduce paper waste.

HP Indigo LEP TECHNOLOGY

The unique combination of HP Indigo ElectroInk, Thermal Offset Transfer and Direct Contact Transfer work together to produce an extraordinary level of print quality that looks and feels like offset. A single technology for the broadest set of applications.

The unique combination of unmatched color and ink capabilities with superior print quality on the broadest media gamut, delivers a wide range of high-value applications enabling profitable business growth.
Produce short runs more economically due to elimination of makeready and plate costs.

Move the right jobs to digital where they are more efficient (time) and economical (cost).

Transform

- Produce short runs more economically due to elimination of makeready and plate costs
- Move the right jobs to digital where they are more efficient (time) and economical (cost)

Optimize

- Optimize existing digital work leveraging larger sheet sizes
- Reduce the number of sheets and impressions required per job by maximizing imposition efficiencies

Augment

- Seize new business opportunities with digital value; for example, large data-driven programs with variable data and personalization applications
- Bring in new revenue and profit streams

Exploit the best of both worlds through an optimal coexistence of analog and digital technologies, driving profitable growth.
The HP Indigo 100K Digital Press releases 46% of conventional press hours

**OVERALL OFFSET PRESS EFFICIENCY**
(1.15:1)

<table>
<thead>
<tr>
<th></th>
<th>Released</th>
<th>davon</th>
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</thead>
<tbody>
<tr>
<td>Run Hours</td>
<td>54%</td>
<td>46%</td>
</tr>
<tr>
<td>Makeready Hours</td>
<td>37%</td>
<td>63%</td>
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</table>

**SHORT RUN JOBS CONVERTED TO THE INDIGO 100K**
(2.74:1)

<table>
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<tr>
<td>Run Hours</td>
<td>73%</td>
<td>27%</td>
</tr>
<tr>
<td>Makeready Hours</td>
<td>20%</td>
<td>34%</td>
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</table>

**FREEING UP CAPACITY ON THE OFFSET PRESS DUE TO JOBS CONVERSION TO THE INDIGO 100K**
(0.59:1)

<table>
<thead>
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<tbody>
<tr>
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</tbody>
</table>

Offset press efficiency doubles after moving the short run jobs

.compared to a typical/average B2 offset press in the marketplace. Industry standard/average parameters
## HP Indigo 100K Digital Press

### Tower of Production

#### A typical job basket in any given day

<table>
<thead>
<tr>
<th>Job ID</th>
<th>Jobs per Day</th>
<th>Order Quantity</th>
<th>Finished Prod. # of Pages</th>
<th>Product Specs</th>
<th>Substrate GSM</th>
<th># CMYK Front/Back</th>
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</thead>
<tbody>
<tr>
<td>Flyer A4</td>
<td>3</td>
<td>5,000</td>
<td>2</td>
<td>210 x 297 x 2</td>
<td>135</td>
<td>4/4</td>
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<td>Flyer A5</td>
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<td>1</td>
<td>146 x 210 x 1</td>
<td>135</td>
<td>4/0</td>
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<tr>
<td>Poster A2</td>
<td>3</td>
<td>500</td>
<td>1</td>
<td>420 x 594 x 1</td>
<td>100</td>
<td>4/0</td>
</tr>
<tr>
<td>Postcard A6</td>
<td>3</td>
<td>10,000</td>
<td>2</td>
<td>148 x 105 x 2</td>
<td>300</td>
<td>4/4</td>
</tr>
<tr>
<td>Brochure</td>
<td>3</td>
<td>1,000</td>
<td>8</td>
<td>420 x 297 x 8</td>
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<td>4/4</td>
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<tr>
<td>Catalog</td>
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<td>210 x 297 x 128</td>
<td>130</td>
<td>4/4</td>
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<tr>
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<td>500</td>
<td>26</td>
<td>850 x 550 x 260</td>
<td>250</td>
<td>4/4</td>
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<tr>
<td>Calendar A3</td>
<td>3</td>
<td>400</td>
<td>13</td>
<td>630 x 297 x 13</td>
<td>250</td>
<td>4/0</td>
</tr>
</tbody>
</table>

**TOTAL NUMBER OF JOBS PER DAY: 21**

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### TYPICAL B2 OFFSET PRESS

**HP INDIGO 100K DIGITAL PRESS**

**Run Time:** 12.1h

**Makeready Time:** 39.6h

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### Time Savings

- **3.3X more efficient on HP Indigo 100K Digital Press**
- **Only 2% waste compared to 43% on offset**
- **18% cost savings**

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