

# BOTH From competitive short runs to long term strategic gains CORUM

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.



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**

Printing speed	4500 sheets per hour 4/0 6000 sheets per hour in 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, 180m EPM, HMF 200 lpi
Sheet size	Maximum sheet size: 29.5 x 20.8125 in (750 x 530 mm) (In-house cutting: 29.527 x 20.866 in) Minimum sheet size: 20.1 x 13 in (510 x 330 mm)
Image size	29.1 x 20.1 in (740 x 510 mm) maximum
Paper weight*	Uncoated media: 50 lb text to 150 lb cover (70 to 400 gsm); Coated media: 60 lb text to 150 lb cover (90 to 400 gsm); Thickness: 3-18 pt (75 to 450 microns)
Feeder	Palette feeder 33.4 in (850 mm) of media. Drawer feeder: Two drawers, each with 11.8 in (300 mm) of media

Stacker	Main stacking tray with 25.6 in (640 mm) stack height supporting offset jogging
Print servers (DFE)	HP SmartStream Production Pro Print Server
Press dimensions	Length: 374 in (9500 mm); Width: 189 in (4800 mm); Height: 94 in (2400 mm)
Press weight	27,557 lb (12,500 kg)
Cloud connectivity	Via HP PrintOS
HP Indigo ElectroInks Standard 4-color printing	Cyan, magenta, yellow, and black

OPTIONS	
Auto Alert Agent	Enables on-press quality alert system
Add-on feeder two drawers' unit	Add-on two drawers to make a five-source feeder



# 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-togripper architecture
- Guarantee continuous manufacturing through intuitive and efficient workflow solutions

## HP Indigo 100K Digital Press







# 6000 SHEETS PER HOUR

UP YOUR GAME WITH NON-STOP PRINTING 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
- Achive true non-stop digital print through advanced automation, enabling continuous feeding, continuous stacking, and continuous color calibration without interrupting production
- Immediate switchover between jobs with different media types with multiple input and output media sources

# UNPRECEDENTED PRODUCTIVITY

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



# 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 Al-driven serviceability



Reduce paper waste



## HP Indigo LEP TECHNOLOGY

The unique combination of HP Indigo Electrolnk, 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.





#### **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

## The HP Indigo 100K Digital Press releases 46% of conventional press hours

## OVERALL OFFSET PRESS EFFICIENCY

(1.15:1)

### SHORT RUN JOBS CONVERTED TO THE INDIGO 100K

(2.74:1)

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

#### NEW OFFSET PRESS EFFICIENCY

(0.59:1)

<sup>1</sup>compared to a typical/average B2 offset press in the marketplace. Industry standard/average parameters



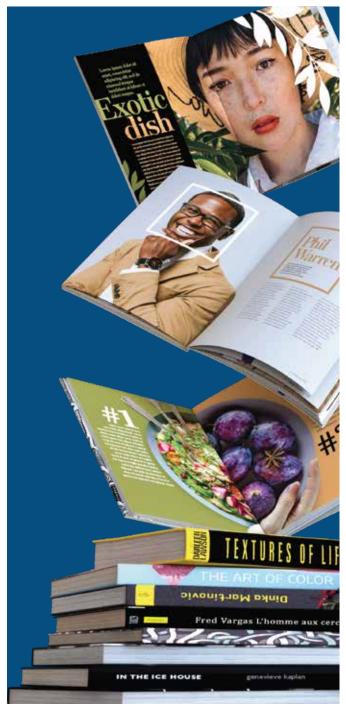


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20%	<b>34</b> %	46% <sup>1</sup>

37%	63% Offset press efficiency doubles after moving the short run jobs
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Makeready Run Hours Released





## HP Indigo 100K Digital Press TOWER OF PRODUCTION

#### A typical job Finished Prod. # of Pages basket in any Jobs per Day Order Quantity given day Job ID **Flyer A4** 4/4 135 gsm 5,000 135 4/4 2 210 x 297 x 2 Flyer A5 4/0 135 gsm 3 146 x 210 x 1 1 135 4/0 **Poster A2** 4/0 100 gsm 500 1 420 x 594 x 1 100 4/0 **Postcard A6** 4/4 300 gsm 3 2 148 x 105 x 2 300 4/4 **Brochure** saddle-stitched 3 1,000 8 420 x 297 x 8 135 4/4 A4 16pp 4/4 135 gsm Catalog perfect bound 128 210 x 297 x 128 130 4/4 A4 128pp 130 gsm 850x550x260 Calendar A4 duplex 250 gsm 500 26 250 4/4 Calendar A3 simplex 250 gsm 3 13 630 x 297 x 13 250 4/0 TOTAL NUMBER OF JOBS PER DAY: 21





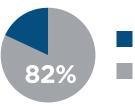


MORE EFFICION HP INDIGUIGITAL PRES

**ONLY 2%** 

WASTE COMPARED TO 43% ON OFFSET

**18%** COST SAVINGS



Cost Savings
Total Cost

Typical/average B2 offset press in marketplace. Industry Standard/Average Parameters for a two shift operation

