Nozomi 14000 LED

Single-pass LED Inkjet Technology
for Corrugated Board, Paper Packaging and Displays

All the reasons to go digital. **Now.**

Take your corrugated printing business to the **next level**

What will take your business to the next level? More opportunities? New capabilities? Greater productivity? High quality graphics? All of the above?

These are all reasons to go digital now, with the EFI™ Nozomi 14000 LED single-pass digital inkjet printer. Think of it as transformative technology for increasing printing capabilities and crafting new business models. You can dramatically improve workflow, take on more customers, respond to customer changes faster and deliver jobs with short turnarounds with the most efficient solution for high-quality graphics printing on corrugated.

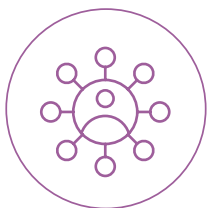# Let's build your brilliant future. Together.

The Nozomi 14000 LED printer is EFI's second generation of digital corrugated printers and fifth generation of high productivity single-pass industrial printers. Our worldwide installed base in the packaging and display industry speaks to the proven results and profitability you can expect with EFI.

New business models

Higher value-added printed packaging will enable you to differentiate and capture new business opportunities, such as e-commerce, environmentally friendly packaging, customization and more:

- Access new markets and segments
- Respond faster to customers and the market
- Say "YES!" to every job
- Increase margins
- Establish a trusted, long-term relationship with customers

New capabilities

Add high margin capabilities to your business with the unprecedented flexibility of the Nozomi 14000 LED printer:

- Incorporate the equipment that most efficiently produces high graphic packaging and displays
- Free up your current flexo and offset capacity
- Get maximized OEE
- Attractive capital investment

The most **efficient solution** for **high quality graphics** printing on corrugated

ROLLER COATER

- Water coating IR drying
- Versatile: allows a varied amount of primer to be applied without stopping production
- Also able to apply a larger amount of primer

BOTTOM FEEDER

- Non-stop feeder
- Optional dual-lane

PRINTER

- LED inkjet piezo drop-on-demand technology
- Print resolution: 360 dpi (native) with 5 grayscale levels
- Effective resolution: 720 dpi
- Adjustable vacuum transport
- Adjustable printing distance based on board thickness laser detector
- Vacuum in between printing bars
- Automatic nozzle plate cleaning
- Integrated cleaning belt system
- EFI Fiery® Z-1000 digital front end

STACKERS

FULL STACKER

- Stack height:
  - Max.: 71 in (1800 mm) limited small sizes
  - Min.: 39 in (1000 mm) in production
- Stack squaring: +/- 0.8 in (20 mm)

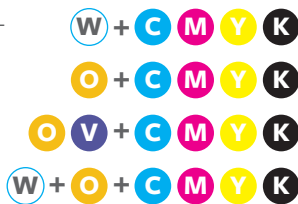### BUNDLE STACKER

- Max. bundle height:
  7.87 in (20 cm)

OPV OPTIONS AVAILABLE IN ANY CONFIGURATION

- Optional OPV anilox coater
- Roller coater

INK CONFIGURATIONS

BASE

C M Y K

OPTIONAL

W + C M Y K

O + C M Y K

O V + C M Y K

W + O + C M Y K

SUBSTRATE RANGE

Max. board/sheet size (W x L): 55.12 in x 94.49 in (140 x 240 cm)

Min. board/sheet size (W x L): 17.72 in x 17.72 in (45 x 45 cm)

Gap between boards: Min. 0.4 in (10 mm)

Board thickness range: 0.03 - 0.47 in (0.8 - 12 mm)

PRODUCTIVITY

Print speed:

- Up to 246 linear ft/min (75 linear m/min)
- Up to 328.8 linear ft/min (100 linear m/min) for uncoated liners and ECO mode
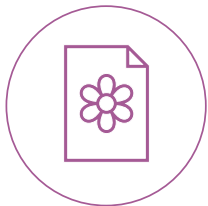
More reasons to **go digital now** with the EFI Nozomi 14000 LED

High productivity and maximum efficiency

The Nozomi 14000 LED printer features a robust design for heavy industrial use for high reliability and productivity. It balances board handling and print quality with:

- The ability to handle all board flutes
- High force hold-down transport
- No stop in production due to damaged boards
- Non-clogging, high-performing printheads that don't need to be changed frequently
- Equipment designed for serviceability, which guarantees easy operation and maintenance
- Powerful image management and data collection software
- New intuitive, user-friendly interface

High-quality graphics printing

The Nozomi 14000 LED printer is the most efficient way to produce superior printed packaging that will enhance shopping and consumer experiences. Profit from the perfect balance between color masses and text definition with:

- Ink viscosity perfectly tuned to the printhead provides excellent color saturation and coverage
- More grayscale levels and high-speed jetting printheads, resulting in increased accuracy and smooth color gradients
- Tools based on our artificial vision system that automatically control print quality
- Fiery digital front end software that drives the printer with advanced imaging technology
- Fogra and G7 color certifications

Mindful sustainability

The Nozomi 14000 LED printer balances efficient processes, lower resource consumption, reduced waste and full recyclability, contributing to circular economy of corrugated thanks to:

- Up to 35% lower energy consumption than flexo printing
- Virtually no VOC emissions
- More efficient process – no plates or ink mix stocks needed, no more overproduction and simplified inventories
- Less waste generated – no water needed for cleaning, minimum ink and boards during set-up
- Fully recyclable and repulpable inks

Professional services and support

EFI is a global company delivering worldwide service. Our expertise in industrial digital printing and a broad installed base of single-pass equipment in the corrugated industry make us the ideal partner of choice when making the move to digital.

Beyond the equipment installation, we tightly collaborate with customers through the necessary technology adoption curve:

- EFI Nozomi 14000 LED printer includes a one-year warranty and a 12-week ramp-up and training program until stable production is achieved and proper training has been provided to printer operators
- Various maintenance programs are available and include both technical assistance and preventive maintenance – all of them supported 24/7 remotely and in-person
- Advanced professional services to get the most out of your digital investment: advanced training in pre-press, color management, sales, etc.

ARROW

ARROW DIGITAL PVT. LTD.

1005-1006, Aditya - 10th Floor, Opp. Sardar Patel Seva Samaj, Off. C G Road, Mithakhali, Navrangpura, Ahmedabad - 380006. Gujarat - India.
Tel.: +91 79 26404017 / 18, +91 79 26405048 / 49
Demo Center - Ahmedabad
Branches : Ahmedabad, Bengaluru, Delhi, Indore, Kolkata, Mumbai, Pune, Surat

www.arrow-digital.com   sales@arrow-digital.com