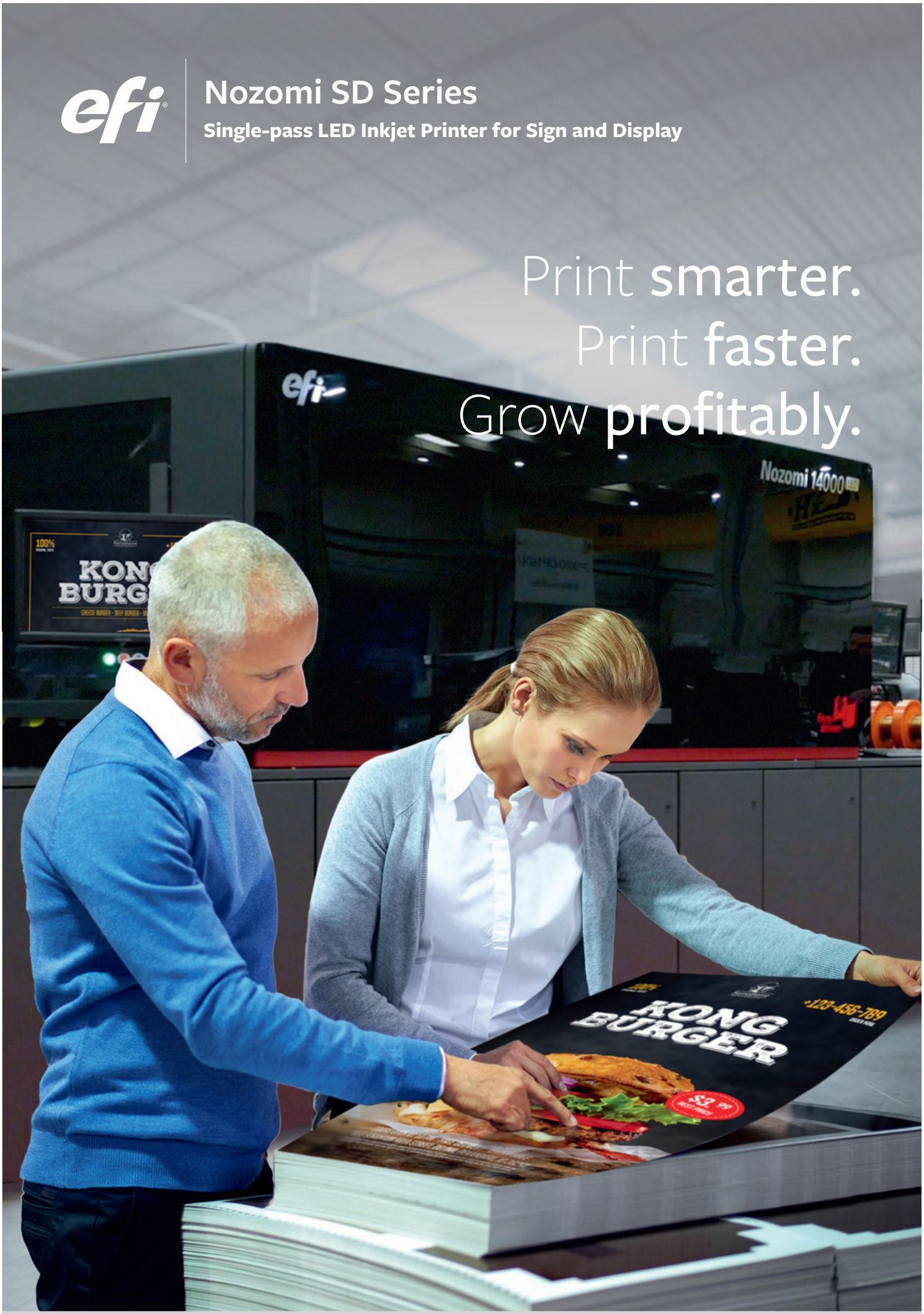
# Nozomi SD Series

**Single-pass LED Inkjet Printer for Sign and Display**

Print **smarter.**
Print **faster.**
Grow **profitably.**



# **Transform** your sign and display production

Transform your print production with the flexible, super-high-speed capabilities of an EFI™ Nozomi SD Series single-pass digital inkjet printer.

**Unrivaled efficiency.** Designed specifically for the sign and display market, EFI Nozomi SD Series printers enable producers to consolidate jobs, substrates, and applications onto a single industrial printing platform – reducing setup time, waste, and operational complexity while delivering higher throughput, lower production costs, and faster response to customer demand.

**Total versatility.** Print on a wide range of rigid substrates – including foamboard, polystyrene, corrugated plastic, card stock, and more – addressing multiple applications with one highly productive press.

**All in one press.** Built on EFI's industry-leading single-pass inkjet technology, Nozomi SD Series printers help sign and display producers scale production capacity while maintaining the flexibility today's dynamic market requires.

# The **speed and flexibility** your market demands

Your competitive edge depends on faster turnarounds, exceptional image quality, and the ability to adapt instantly to changing requirements. From last-minute campaign changes to versioned graphics and runs of any size, EFI Nozomi SD Series printers deliver the productivity, uptime, and efficiency that drive more profit to your bottom line.

### Faster time to market

Produce campaigns and projects faster to respond to customer demands, seasonal promotions, and tight deadlines.

### Consistent print quality

Deliver reliable colour consistency and high image quality across every production run, ensuring brand standards are met every time.

### Maximum production flexibility

Handle versioning, last-minute changes, and runs of any size with ease – supporting the dynamic needs of modern marketing campaigns.

### Expanded revenue opportunities

Enter new applications and market segments – from large display graphics and retail signage to speciality packaging and point-of-purchase displays – while serving larger customers and broader geographic markets.

# **Industrial** single-pass performance

**UV AND WB ANALOGUE PRIMING STATION**

**REGISTRATION TABLE**

**MAXIMUM PRINTING AREA:**
EFI Nozomi 14000 SD: 1400 mm x 3200 mm
EFI Nozomi 17000 SD: 1685 mm x 3200 mm

Minimum: 600 mm x 600 mm

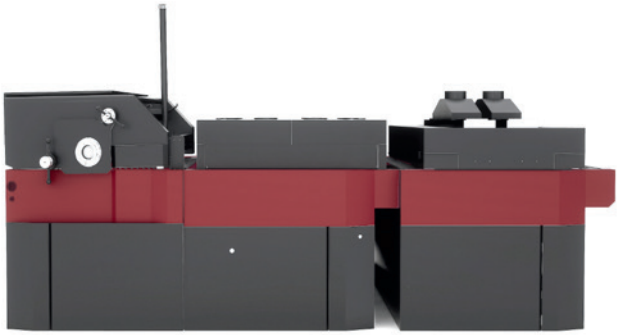
**MAXIMUM SUBSTRATE THICKNESS:**
0.3 mm – 12 mm for media that need priming
0.19 mm –12 mm for media without priming

**PRODUCTIVITY[1]:**
Up to 60 m/min
Or up to 1,100 sheets/hr (sheet length: 3 m)

**RESOLUTION:**
360 dpi native with 5 greyscale levels

**OPTIONS AVAILABLE:**

- Lift table to assist in the hand feeding of materials
- Drop box for sheet collection and stacking
- Overprint varnish station (UV or WB) to change finish of printed jobs



**SINGLE-PASS INKJET PRINTER**
**UV LED TECHNOLOGY**

**UV OR WB ANALOGUE OVERPRINT**
**VARNISH STATION (OPTIONAL)**

## NOZOMI 14000 SD 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

## NOZOMI 17000 SD 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 V + C M Y K

*Optional colours can be added via field upgrade.*

*1 Consult the specifications of the tested materials as well as the recommendations for optimal printing.*

# Built for **productivity**. Engineered for **profit**.

Built on EFI's proven single-pass inkjet technology, EFI Nozomi SD Series printers deliver the performance, reliability, and efficiency required for demanding production environments.

## Maximum productivity that assures more profits

- Exceptional productivity with up to 1,100 sheets per hour across a wide range of formats and applications
- Proven industrial architecture designed for reliable operation and maximum uptime

## Premium print quality that wins more jobs

- Impressive solids with excellent colour coverage and saturation
- Consistent colour reproduction across runs
- Expanded color gamut covering up to 97% of the Pantone® range with optional orange and violet inks
- Artificial vision inspection tools that detect and mask print defects for uninterrupted production
- Fiery® digital front end for accurate colour management and workflow control

## Digital efficiencies that reduce production costs

- Efficient ink usage and reduced waste lower operating costs
- Simplified workflows and higher productivity reduce labour and overhead expenses

## Superior sustainability that meets customer demands

- Less waste generated through consolidated production
- Energy-efficient LED curing
- Odourless, zero-emission, GREENGUARD and GREENGUARD Gold certified inks

# Cloud-based intelligence that optimises **performance**.

Optimise operational efficiency and total cost of ownership with EFInsight™, a cloud-based platform for data collection, analytics, reporting, diagnostics, proactive maintenance, and process control.

EFInsight helps you monitor production performance, track ink and substrate usage, analyse key productivity metrics, and gain the insights needed to maximise your single-pass inkjet investment.

## PRODUCT SPECIFICATIONS

| Printer | | |
|---|---|---|
| **Productivity** | Up to 60 linear m/min<br>Up to 1,100 sheets/hr (sheet length: 118 in · 3 m) | |
| **Printing accuracy (centering)** | 0.15 mm | |
| **Inspection** | Nozzle out and colour uniformity correction | |
| **Includes antistatic system** | | |
| **Media Handling** | | |
| **Substrate width (min. - max.)** | **EFI Nozomi 14000 SD**<br>600 mm - 1440 mm | **EFI Nozomi 17000 SD**<br>600 mm - 1700 mm |
| **Substrate length (min.- max.)** | 600 mm - 3200 mm | |
| **Substrate thickness (min. - max.)** | 0.19 mm - 12 mm w/o priming<br>0.30 mm - 12 mm with priming | |
| **Optional drop box** | Stack height with pit: 850 mm*<br>Stack height w/o pit: 470 mm* | Outfeed side configurable<br>*Includes pallet height of 150 mm |
| **Genuine EFI Inks and Coatings/Varnish** | | |
| **EFI Nozomi UV LED Inks** | | |
| **Ink storage temperature** | 5 °C to 25 °C | |
| **Overprint varnish (OPV)** | Optional UV or water-based | |

## Let's be brilliant. Together.

We understand you want breakthrough technologies to lead you through your digital journey. That's why we're passionate about driving your business growth with a scalable portfolio of products, solutions, services, support, and world-class partnerships for the manufacturing of signage, packaging, and textiles, with a wide range of printers, inks, and software. Our unwavering commitment is to increase your profits, lower costs, improve productivity, and optimise efficiency — job after job, year after year. We're obsessed with your success. And we definitely believe we have the right people, technology and experience to help your business achieve its goals. Visit www.efi.com or send an email to info@efi.com for more information.

Nothing herein should be construed as a warranty in addition to the express warranty statement provided with EFI products and services.

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