

APPLICATION // MARKET



WRAP
AROUND LABEL

FORM
FILL SEAL

SACHET



TUBE LAMINATE

LABEL

SHRINK SLEEVE



POUCH

IN-MOULD LABEL

FLOW PACK

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FB LINE

MODERN FLEXO TECHNOLOGY FOR PRINTING

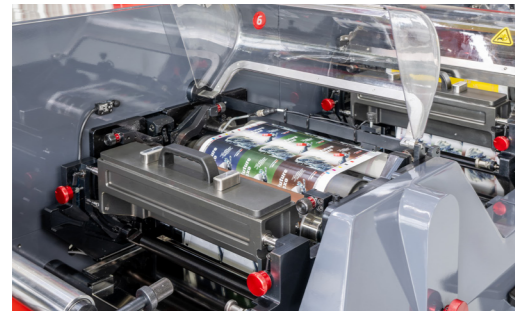
Compact, efficient, and easy-to-operate
Consistent high-quality print results
Advanced automation options
Ideal for dynamic label converters

14|17|20



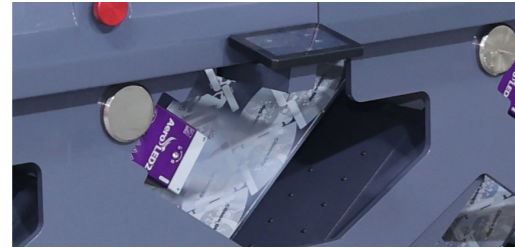
FB LINE

Smart *Flexo*.
Proven *performance*.



CLEANINKING CHAMBERS

Designed for efficiency and consistency, the Cleaninking chamber system ensures precise ink control while minimising waste. The enclosed design reduces contamination and simplifies cleaning, supporting stable, high-quality print results.



UV/UV-LED/HOT AIR

Flexible drying solutions with UV, UV-LED, and Hot Air ensure optimum curing across a wide range of substrates. The system adapts to your production requirements, delivering consistent quality and energy efficiency.

ADD MORE CAPABILITY



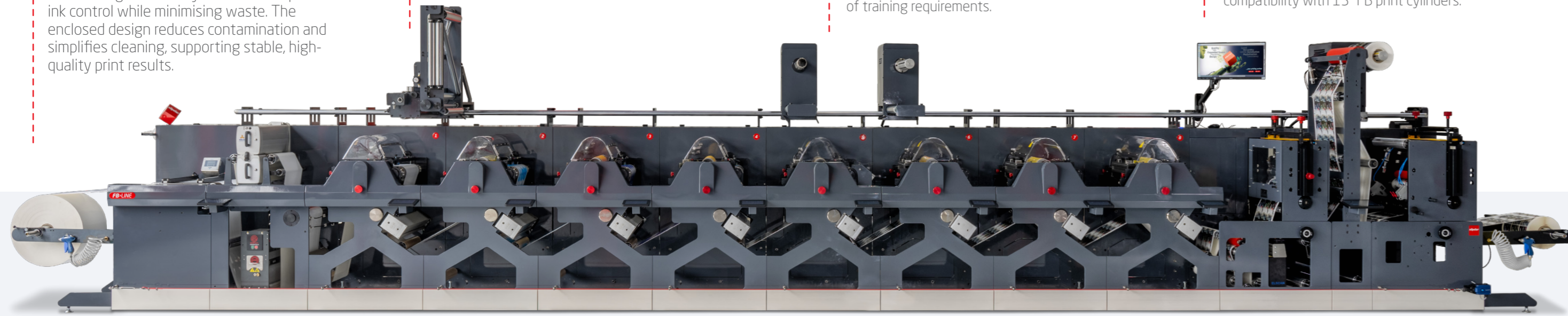
INTERFACE AND HMI

The intuitive HMI provides full control at your fingertips. Designed with a familiar FA-Line "look and feel", the interface ensures easy operation, quick navigation, and a minimum of training requirements.



DUAL SERVO PRINT HEAD

The print head combines advanced engineering with a maximum of flexibility. Featuring gearless anilox cylinders, dual servo control, and adaptable tooling with format rings, it supports both standard and customised applications, including compatibility with 13" FB print cylinders.



SMART PERFORMANCE THROUGH FLEXIBILITY AND CONTROL

The **FB-Line** is built to deliver efficient, modern flexo production. **Fast job changes, minimum waste, and consistent print quality** - all without adding complexity. Based on Nilpeter's proven FB platform, with more than **1,000 installations worldwide**, the latest generation introduces a **dual servo print head** for precise control, stable register, and repeatable results.

Easy-load print cylinders and the **CLEANINKING** chamber system ensure **quick changeovers** and a **clean, controlled ink flow**, reducing downtime and supporting **consistent output**. With both **UV** and **hot air drying**, the FB-Line handles a wide range of substrates

and applications, from **self-adhesive labels** to **flexible packaging**. Stable web tension and **servo-driven control** ensure reliable performance at all speeds.

Automation features, such as **job save, pre-register, and automatic register adjustment** reduce setup time and improve repeatability. Designed for **ease-of-use** and operational efficiency, the FB-Line offers a **flexible, future proof solution** for demanding production environments.

Key features include:

- Dual servo print head with 360° register control

- Easy-load print cylinders and **CLEANINKING** chambers
- UV, UV-LED, and hot air drying options
- Servo-driven die-cutting units
- Advanced automation with job memory and pre-setting
- Closed-loop web tension control
- Full compatibility with existing FB tooling

The **FB-Line** delivers the right balance of **performance, flexibility, and control** - built for converters, who demand **efficiency and consistency**.

To meet diverse production demands and application requirements, the FB-Line can be equipped with a **wide range of inline solutions and automation features**, including:

- Automatic butt-splicer and turret rewinder
- Inline slitting

- Cold foil
- Screen printing
- Gravure
- Die-cutting
- Inline unwind unit
- UV-Lamination
- Heated Lamination
- E-beam lamination
- Sheeting and conveyor applications
- Optional rail-based solutions
- Advanced automation package with extended job library and job-based machine settings
- Standard registration package with 'One-Eye' P2C (Print-to-Cylinder) mark reader, automatic length register system (±0.1 mm), and self-finding pre-register by printed mark



TECHNICAL SPECIFICATIONS

	14"	17"	20"
Mechanical press speed	6-175 m/min. (20-575 Ft/min.)	6-175 m/min. (20-575 Ft/min.)	6-175 m/min. (20-575 Ft/min.)
Web width, max.	370 mm (14.6")	450 mm (17.75")	521 mm (20.5")
Printing width, max.	355 mm (14")	435 mm (17")	508 mm (20")
Printing length	Length 203.2-609.6 mm (8-24")	Length 203.2-609.6 mm (8-24")	Length 203.2-609.6 mm (8-24")
Repeat increments	Gears 3.175 mm (1/8")	Gears 3.175 mm (1/8")	Gears 3.175 mm (1/8")
Web caliper	15-350 µ*	15-350 µ*	15-350 µ*

DISCOVER MORE ABOUT THE **FB-14|17|20**

