

MARKET APPLICATIONS

VERSION 4



WRAP
AROUND LABELS

FORM
FILL SEALS

SACHETS



TUBE LAMINATES

LABELS

SHRINK SLEEVES



POUCHES

IN-MOULD LABELS

FLOW PACKS

nilpeter ...your printing partner



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FB-LINE PRO

MODERN FLEXO TECHNOLOGY

Compact, efficient, and easy-to-operate
Consistent high-quality print results
Advanced automation options

14|17|20



FB-LINE PRO



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 classic FB-Line print cylinders.

FB-LINE PRO | Nilpeter



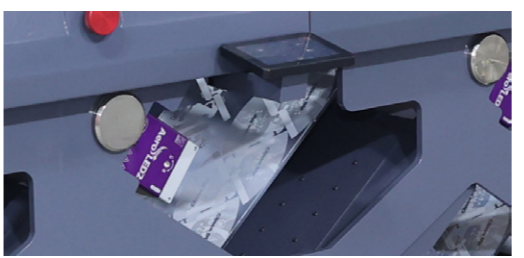
CLEANINKING CHAMBERS
Designed for efficiency and consistency, the **CLEANINKING** chamber system ensures precise ink control while minimising waste. The enclosed design reduces contamination and simplifies cleaning, supporting stable, high-quality print results.

ADD MORE CAPABILITY TO YOUR FB-LINE PRO

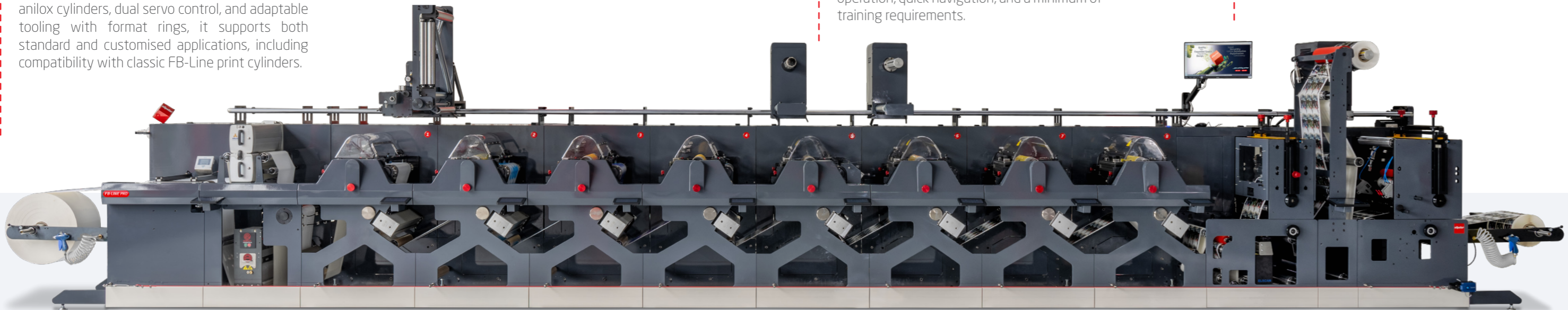


INTERFACE AND HMI
The intuitive HMI provides full control at your fingertips. Designed with a familiar FA-Line "look and feel", the interface ensures easy operation, quick navigation, and a minimum of training requirements.

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UV/UV-LED/HOT AIR
Flexible UV, UV-LED, and hot air drying capabilities, ensure optimum curing across a wide range of substrates. The system adapts to the production requirements delivering consistent quality.



ADVANCED PERFORMANCE THROUGH FLEXIBILITY AND CONTROL

The **FB-LINE PRO** 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-Line 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**

PRO 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 PRO** 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
- Advanced automation with job memory and pre-setting
- Closed-loop web tension control
- Full compatibility with existing FB-Line tooling
- 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
- 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

The **FB-LINE PRO** 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 PRO** can be equipped with a wide range of inline solutions and automation features, including:



FB-LINE PRO | Nilpeter

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-LINE PRO**

