

APPLICATION // MARKET



WRAP AROUND LABEL

FORM FILL SEAL

SACHET



TUBE LAMINATE

SELF-ADHESIVE LABEL

SHRINK SLEEVE



POUCH

IN-MOULD LABEL

FLOW PACK

nilpeter ...your printing partner



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FA▶LINE

DESIGNED FOR THE FUTURE OF FLEXIBLE PACKAGING

Wide-web flexo for flexible packaging
High-speed performance and precision
Automated workflows for maximum efficiency
Built for sustainable and profitable growth

26



FA-LINEYour Flexo Line for *Wide-web Flexible Packaging***HOT AIR**

High-efficiency hot air drying designed for water-based inks and for solvent applications where relevant, featuring controlled airflow and stable drying performance.

**UV / UV-LED / INERT GAS**

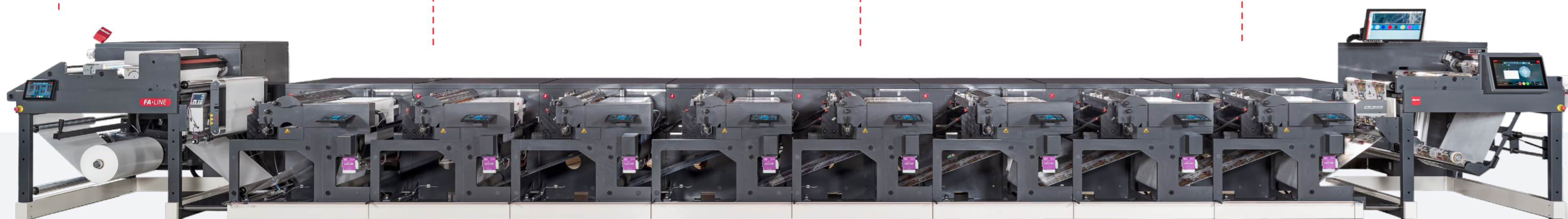
Flexible curing solutions supporting UV and UV-LED, with optional inert gas for enhanced curing efficiency and surface quality.

**INLINE UV-LAMINATION**

Inline UV lamination for consistent bonding and high-quality laminate structures in a single pass.

**TEMPERATURE-CONTROLLED INK CHAMBERS**

Actively temperature-controlled ink chambers ensuring stable ink viscosity and consistent print quality.



PEAK PERFORMANCE THROUGH DESIGN AND AUTOMATION

The FA-26 is built on a clear idea: Transferring the proven strengths of label printing into flexible packaging production. Fast job changes, minimum waste, consistent high print quality and true inline production – without compromising flexibility.

Nilpeter's unique one-frame unit construction is the core of the FA-26. All printing units are manufactured from identical machine frames, processed in one single operation. This minimises tolerances across the press and ensures that job parameters can be saved and recalled with a very high level of repeatability.

The result is predictable setups, stable production and less time spent on fine adjustments.

The FA-26 supports UV, UV-LED, Inert Gas, water-based, and solvent-based flexo, allowing converters to handle a wide range of packaging structures on one platform. From thin films to heavier substrates, the press maintains precise web control and consistent tension, even at high speeds.

Designed in a landscape configuration with a strong focus on accessibility and operator logic, the FA-26 combines ease of use with advanced automation.

Inline converting, coating and lamination options make it possible to go from substrate to finished packaging in one pass – efficiently and reliably.

The FA-26 is not about adding complexity. It is about controlled precision, flexibility and repeatable performance, engineered for the future of flexible packaging. To support different production requirements and application needs, the FA-26 can be configured 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
- Optional rail-based solutions
- Inert gas solution available
- Advanced automation package with extended job library and job-based machine settings
- Automatic register systems, including advanced camera-based register control and no-mark register functionality
- Advanced press monitoring and data collection for optimised uptime and consistent quality

TECHNICAL SPECIFICATIONS

Specifications mm (feet/inches)

Web width	670 mm (26 3/8")	Standard operating tension range	20 - 250 N (5 - 56 lb)
Print width	670 mm (26 3/8")	Optional, heavy duty operation tension range	20 - 400 N (5 - 85 lb)
Optional print repeat	304,8 - 812,8 mm (12" - 32")	Unwind unit capacity Standard	Ø 750 mm/450 kg (Ø 30" / 992 lbs)
Flexo repeat increments	Fully variable	Unwind unit capacity Option	Ø 1000 mm/750 kg (Ø 40"/1653 lbs)
Repeat increments for geared processes	3,175 mm (1/8")	Rewind unit capacity Standard	Ø 750 mm/450 kg (Ø 30" / 992 lbs)
Mechanical speed	250 m/min. (Max. 837 ft/min.)	Rewind unit capacity Option	Ø 1000 mm/750 kg (Ø 40" / 1653 lbs)
Anilox repeat	304,8 mm (12")	Inline unwind unit capacity	Ø 750 mm/450 kg (Ø 30" / 992 lbs)
Impression roller repeat	368,3 mm (14,5")	Inline unwind unit Option	Ø 750 mm/730 kg (Ø 30" / 1609 lbs)

SUBSTRATES

A wide variety of substrates from 12-350 µm

Note: Because of the variety of different material typologies used in flexible packaging, a preliminary test of the materials must be processed prior to confirming production data and performance



DISCOVER MORE ABOUT THE FA-26

