Your Flexo Line for Optimised Performance

*Simple yet Sophisticated

FA 4

Your Flexo Line for Optimised Performance
The FA-4* provides the competitive edge – with optimum efficiency and the highest level of printing quality.
The newest member of the popular FA-Line is designed to ensure optimum efficiency combined with the highest level of quality.

This innovative fully automated, triple-axis servo press features the shortest possible web path, easy-load of tooling, and the Nilpeter CLEANINKING system. Combined with a new Nilpeter PowerLink control system, this enables the label and flexible packaging printer to achieve the leanest performance in today’s competitive market. Moreover, the press is prepared to meet the increasing, global trend towards short run jobs and smaller repeat lengths.

The FA-4* tolerance standard and dot gain coverage are as impeccable as the current FA-Line, making it the best choice for any quality conscious printer seeking to maintain the competitive advantage.

The FA-4* can easily be combined with the Nilpeter ancillary program and value-adding units.
Streamlining A Sophisticated Process
Streamlining A Sophisticated Process

- Shortest possible web path
- Easy-load of tooling
- User-friendly print management
- Efficient handling of both short and long runs
- Quick job changes
- Optimised for low energy consumption
- Excellent handling of multiple substrates
- Superior printing quality
FEATURES

A New Design

- Gearless, short-web, sleeve-based printing unit
- New sturdy unit construction
- Compact design - few movable parts
- Optimum chill drum positioning
- 8-25” repeat lengths
- Quick-lock system for handling of anilox rollers
- Nilpeter CLEANINKING system for WB/UV-flexo
- Prepared for screen, hot and cold foil printing
FEATURES

In Full Control

- Easy-to-operate Press Management Center (PMC) for central control of all parameters
- Key panel for local setup on each printing unit
- New and enhanced Print-to-Cylinder (P2C) register system
- Advanced, dot-to-dot (D2D) camera register system
- Air Control Satellite (ACS) for wireless press operation
Benefit from Innovation

Benefits

Benefit from Innovation
BENEFITS

Benefit from Innovation

• Quick job changes and faster job setups
  • More jobs per day
  • Less material waste
  • Minimum waste of time
• Job-saving functionality with complete pre-setting features
• Multi-applications capability - Health & Beauty, Wine & Spirits, Food, etc.
Value-Adding Units
QUICK-CHANGE DIE FOR CONSISTENT SUPPLY
VALUE-ADDNG UNITS

Nilpeter Quick-Change Die

FEATURES

• New and innovative QC-Die unit
• Quick-lock release of flexible dies
• Preparation of die during production
• Integrated GAP-Master system
• Designed for all Nilpeter presses

BENEFITS

• Easy handling of tooling
• Magnetic die - extremely fast changeovers
• Zero downtime
• Less material waste
THE FP-4 IS CHANGING THE SCORE
VALUE-ADDING UNITS

Flatbed Unit for Hot Foil and Embossing

BENEFITS

• Superior hot foil and embossing quality
• Fast setup time
• Minimum waste
• Lowest foil and tooling costs

FEATURES

• The flatbed technology for optimum foil and embossing performance
• Individual or simultaneous foiling and embossing capabilities
• The FP-4 is available as an embossing unit or as a combined foiling and embossing unit
• Integrated foil saving system
• Optimised design for short runs
THE G-4 IS ADDING EVEN MORE
Gravure Unit for Inline Integration

**BENEFITS**

- Value-adding gravure technology in combination printing
- Designed especially for printing metallic inks, opaque white, and special coatings
- Decorative and security options

**FEATURES**

- Easy-load inner-cassette system
- State-of-the-art inking technology
- Explosion-proof design for solvent inks
- Reversible ink-head for front or reverse side printing
- High capacity dryer for high speed converting
THE NILPETER SCREEN CASSETTE IS A VERY SAFE BET
VALUE-ADDING UNITS

NILSCREEN

BENEFITS

• No boundaries: All screen types apply
• No replacement of existing flat exposing unit, wash-up booth, or dryers
• Fast installation
• Fits any MO-Line or FA-Line printing unit
• Brilliant, high-grade pictorial effects
• High coverage and colour strength

FEATURES

• Universal screen system
• Easy-Load UV-screen cassette
• Prepared for cylindrical or flat screen material
• Repeat length 12” to 25”
• Print on substrates of any shape, thickness, and size
• Brilliant, high-grade pictorial effects
• High coverage and colour strength
THE CROSS-OVER INLINE IS SURE TO COMBINE
VALUE-ADDING UNITS

CROSS-OVER UNIT

BENEFITS

- Delamination of liner at laminating point
- Individual lateral register for laminating section and cross-over section
- Length register setting between webs
- Setup with two laminating sections and one cross-over is possible
- Use of multi-purpose winding towers for liner rewind

FEATURES

- Handles flexible substrates
- Easy setup
- Coupons with 4 pages in half web width
- Coupons with 4 pages in full web width (presses configured for dual web)
## Technical Specifications FA-4*

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<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>Press speed</strong></td>
<td>0-175 m/min. mechanical speed</td>
</tr>
<tr>
<td><strong>Nilscreen speed</strong></td>
<td>0-80 m/min. mechanical speed</td>
</tr>
</tbody>
</table>

### Web

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unwind diameter</td>
<td>1.016 mm (40”), max. 350 kg</td>
</tr>
<tr>
<td>Rewind diameter</td>
<td>1.016 mm (40”), max. 350 kg</td>
</tr>
<tr>
<td>Waste rewind diameter</td>
<td>1.016 mm (40”), max. 40 kg</td>
</tr>
<tr>
<td>Rail-mounted unwind/rewind diameter</td>
<td>600 mm (23 ¾”), max. 40 kg</td>
</tr>
</tbody>
</table>

### Printing

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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<tbody>
<tr>
<td>Web width, max.</td>
<td>420 mm (16½”)</td>
</tr>
<tr>
<td>Printing width, max.</td>
<td>410 mm (16”)</td>
</tr>
<tr>
<td>Flexo, repeat length</td>
<td>203,2-635 mm (8-25”)</td>
</tr>
<tr>
<td>Screen, repeat length</td>
<td>304,8-635 mm (12-25”)</td>
</tr>
<tr>
<td>Die-cutting, repeat length</td>
<td>304,8-635 mm (12-25”)</td>
</tr>
</tbody>
</table>
...your printing partner
The Nilpeter AutoMatrix

FEATURES
• New, hands-free, and fully automatic waste rewind
• Smart waste roll-up design
• Easy-to-operate
• Highly efficient and time saving
• Designed for a lean and optimised operation

BENEFITS
• Fast and easy-to-operate
• Minimising your waste
• Zero downtime