Your Line for Premium Quality Combination Offset
Your Line for Premium Quality Combination Offset. The Patented Platform System. State-of-the-art Computer-Aided
Your Line for Premium Quality Combination Offset

- Patented Platform System
- State-of-the-art Computer-Aided Technology
- Easy-Rail Applications
- Low Offset Tooling Costs
- Superior Productivity
- Global Brand Owners Choice. The Key to New Markets
The MO-Line of advanced platform-based presses with sleeve technology delivers state-of-the-art offset combination printing. When it comes to ‘lean’ or short runs, this servo-driven press features a broad range of printing options and the flexibility to handle all future printing and converting technologies.

This revolutionary platform-based offset press is taking platform technology to an even higher level, because it offers previously unattainable levels of flexibility. You can configure the MO-4 according to your needs, and future applications can be integrated seamlessly.

The MO-4 integrates proven Easy-Load sleeves for both offset and flexo printing.

Printing technologies can be switched quickly, and embellishment modules added easily, in any desired combination. In short, with the MO-platform, you can configure your press to fit every job – and with reduced tooling and prepress costs, it expands the market opportunities for labels and flexible packaging.
**Platform Technology**

The MO-4's unique open platform architecture enables rapid press changeovers and supports any type of combination printing. The MO-4 is the natural choice for printing companies, who accept no compromise in printing quality. The MO-4 is suitable for both long and short runs, handling a wide range of substrates.

**SPECIFICATIONS mm (feet/inches)**

**MO-4**

| Web widths | 420 mm (16 ½") |
| Printing widths, max. | 410 mm (16") |
| Printing lengths, min/max. | 469.9 – 635 (18 ½"-25") |
| Press speed, max. | 175 m/min. (575 FPM) |
| Reel diameter, unwind, max. | 1016 mm (40") |
| Reel diameter, rewind, max. | 1016 mm (40") |

**Press Management Center**

- Central press control unit with 17" touch screen
- Central UV-system control
- Press error diagnostic
- Automatic P2C (Print-to-Cylinder) register system for MO- and M-platforms including pre-setting
- Online service function

**Additional Press Control Technology**

- Advanced PMC for integration of video web inspection system and monitor for remote computerized ink zone control
- Job management package
- Register log programme for customer quality reports
- External back-up function, including software and transferable memory

**Flexo Sleeve**

Easy-Load sleeve based system for printing spot colours, varnish, laminating, cold foiling and coating.

**Laminating Unit**

The rail based laminating unit is designed for swift configuration change and high printing speeds.

**Hot Foil**

The Easy-Load hot foil cassette can be positioned in any platform.

**Screen**

Easy-load UV-screen cassette can be positioned in any platform, for printing special effects, braille, and opaque white.

**Gravure**

Gravure allows printing with special metallic inks, heavy solids, and coatings, such as cold seal.

**Flatbed Units**

The high speed servo-driven flatbed unit is incorporated for embossing or hot foil applications.

**The Nilpeter Press Management Center offers expanded operational possibilities...**

State-of-the-art computer-aided technology enables you to optimise all essential processing parameters including complete press control, ink key settings and print inspection.

**Press Management Center**

- Central press control unit with 17" touch screen
- Central UV-system control
- Press error diagnostic
- Automatic P2C (Print-to-Cylinder) register system for MO- and M-platforms including pre-setting
- Online service function

**Additional Press Control Technology**

- Advanced PMC for integration of video web inspection system and monitor for remote computerized ink zone control
- Job management package
- Register log programme for customer quality reports
- External back-up function, including software and transferable memory

**Flexo Sleeve**

Easy-Load sleeve based system for printing spot colours, varnish, laminating, cold foiling and coating.

**Laminating Unit**

The rail based laminating unit is designed for swift configuration change and high printing speeds.

**Hot Foil**

The Easy-Load hot foil cassette can be positioned in any platform.

**Screen**

Easy-load UV-screen cassette can be positioned in any platform, for printing special effects, braille, and opaque white.

**Gravure**

Gravure allows printing with special metallic inks, heavy solids, and coatings, such as cold seal.

**Flatbed Units**

The high speed servo-driven flatbed unit is incorporated for embossing or hot foil applications.