

The MO-4 offers an Offset Platform based on Lightweight Sleeve Technology

The Future-Proof Offset Press

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 integrated in the Nilpeter Dream Line concept, 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.



T O T A L P E R F O R M A N C E



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



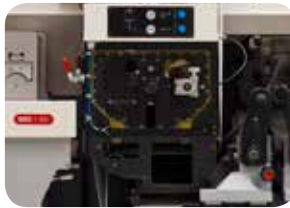
Laminating Unit
The rail based laminating unit is designed for swift configuration change and high printing speeds.



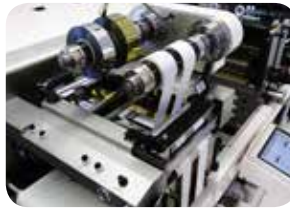
Hot Foil
The Easy-Load hot foil cassette can be positioned in any platform. Optional pre-heating and cooling off-line.



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.



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.

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 adjustment and print inspection.

Press Management Center

- Central press control unit with 17" touch screen
- Central UV-system control
- Press error diagnostic
- Automatic Mark-to-Print register system for MO- and M-platforms
- Online service function

Additional Press Control Technology

- P2P (Point-to-Point) – automatic electronic system – length and side register, inclusive of advanced self-adjusting features and real time monitoring of register performance
- 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



SPECIFICATIONS/mm (feet/inches)		MO-4	
Web width, max.	420 (16 1/2")	Press speed, max.	175 m/min. (575 FPM)
Printing width, max.	410 (16")	Reel diameter, unwind, matrix, rewind, max.	1016 (40")
Printing lengths, min./max.	469.9 – 635 (18 1/2"–25")		

MO LINE

Combination Offset

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...Your Line for Premium Quality Combination Offset



Your Line for Premium Quality Combination Offset. The Patented Platform System. State-of-the-art Computer-Aided Technology. Easy-Load Sleeve Technology. Easy-Rail Applications. Low Offset Tooling Costs. Superior Productivity. Maximum Flexibility. Minimum Waste. From Short to Long Runs. Global Brand Owners Choice. The Key to New Markets.

16"

Intaglio

Gravure

Lamination

Hot Foil

Screen

Flatbed

Embossing

Flexo

Cold Foil

Offset

HoloPrint

Die-Cutting

