

MO 5



*Your Offset Line for
Value-Added Packaging*



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A New, Strong Offset Unit

The new MO-5 offset unit is strong, sturdy, and compact. A true offset unit based on Nilpeter's unique, lightweight, non-compressible sleeve technology.

Easy Access

Designed for labels and flexible packaging substrates, the MO-5 features printing widths of 20" or 22", and repeat lengths of 18-25". With a total weight of 3,600 kg, each unit features 11 high performance servo-motors for optimum precision. The unit provides very easy access from both the operator's side and the gear side, simplifying press operations, roller handling, job change, and maintenance. Furthermore, the unit includes an illuminated web inspection area.

Modern Ink Tower

A unique feature to the MO-5 offset unit is the modern, sturdy ink tower designed for high quality offset printing. The ink tower features chilled distributing rollers for precise temperature control, enhancing the use of low migration inks and increasing performance at speed. On top of that, a number of mutually independent oscillating rollers ensure optimum ink distribution and efficient prevention of ghosting. In combination with the speed-adjustable doctor roller, the high precision ink duct control allows all inking parameters to be saved for repeat job runs. The ink tower includes automatic sprinkler-based cleaning.

Quick Adjustments

Rubber rollers are placed in slots for easy change and adjustment, and form rollers, also placed in slots, are adjustable from the operating side. A new time- and waste-saving feature is the new handle for quick-change of the dampening roller. The offset unit's large 20" impression cylinder ensures maximum support of web at transfer point.

Expand Your Market in Self-Adhesive Labels And Flexible Packaging

The new MO-5 is a mid-web, heavy-duty offset press, that delivers state-of-the-art offset combination printing for self-adhesive labels and flexible packaging.

Taking offset to the next level

The MO-5 takes offset to the next level, featuring a broad range of printing options, previously unattainable levels of automation, and the flexibility to handle tomorrow's printing and converting challenges.

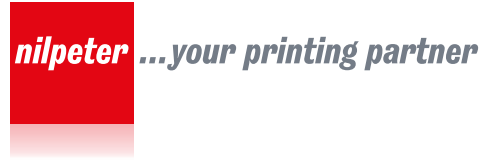
The MO-5 offers increased accessibility to the printing units and is loaded with the latest computer-aided technology available - including water balance control, ink key CIP4 control, and an advanced Press Management Center.

Expand your market

In short, with the MO-5, you can configure your press to fit any job - and with reduced tooling and prepress costs, expand your market opportunities for self-adhesive labels and flexible packaging.



| SPECIFICATIONS mm (feet/inches) | MO-5 |
|----------------------------------|------------------------------------|
| Web widths | 520 or 570 mm (20 1/2" or 22 1/2") |
| Printing widths | 510 or 560 mm (20" or 22") |
| Printing lengths, min./max. | 457,2-635 mm (18"- 25") |
| Press speed, max. | 175 m/min. (575 FPM) |
| Repeat increments | 3,175 mm (1/8" CP) |
| Reel diameter, unwind, max. | 1016 mm (40") |
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MO-5/GB/01201.4