

FA-2500

The FA-2500 flexo press is based on Nilpeter's well-known modular system and meets all the special requirements of a label printer - a cornerstone in any modern print shop demanding high quality and optimum profitability.

THE ENVIRONMENT

- Ozone-free UV-curing
- No exhaust necessary
- Individually adjustable UV-lamp power consumption
- Little waste
- Non-compressing waste removal
- Easy cleaning
- White machine
- Short machine web length
- Lower noise level
- Extended UV-lamp lifetime

SERVICE

- 24-hour service
- Service contracts
- Training programme, printing
- Training programme, maintenance
- Local service teams
- Internet-based service information system
- Complete stock of spare parts
- On-screen service information system

ADDED VALUE

- Screen
- Hot foil
- Embossing
- Print on adhesive
- Reverse print
- Laminating
- Varnishing
- Flatbed-/rotary die-cutting
- Sheeting

QUALITY

- No gear-marking (guaranteed)
- No ghosting
- Full solids
- Spot-on register during run length
- "Offset" printing quality
- Less dot gain
- Cold UV-curing system
- 3-year warranty
- CE approval
- Sturdy press weighing more than 6,000 kg
- High resale value
- Automatic setting of UV-curing to match web speed



MAKEREADY

- 6 colours in less than 10 minutes
- Quick-lock handles
- Only one web length at stop/start
- Adjustable triangle roller system
- Makeready trolley
- Quick positioning of die-roller assembly
- Computer-to-plate technology
- Touch screen operated intelligent control system incl. monitoring equipment

WEB MATERIALS


- All kinds of self-adhesives
- Films and foils
- In-mould
- Paper
- Cardboard

SPECIFICATIONS / mm (feet/inches)

Web width, max.	280 (11")
Printing width, max.	260 (10")
Available printing lengths, min./max.	190.5/381 (7½"/15")
Production speed when using rotary die-cutting, max.	175 m/min. (575 feet/min.)
Production speed when using flatbed die-cutting, max.	41-100 m/min. (135-330 feet/min.)
Rotary die-cutting width, max.	260 (10")
Rotary die-cutting lengths, min./max.	190.5/381 (7½"/15")
Flatbed die-cutting, max.	290 x 203.2 (11½"x8")
Repeat increments, printing and rotary die-cutting	3.175 (¼")
Repeat increments, flatbed die-cutting	1.587 (⅙")
Reel diameter, unwind, max.	800 (31½")
Reel diameter, rewind, max.	700 (27½")
Core diameter, unwind and rewind, standard	76.2 (3")

SPECIFICATIONS / mm (feet/inches)

Hot-air drying, per unit:	
Inlet capacity	300 m³/h
Exhaust capacity	320 m³/h
GLS UV-curing, per unit	140 W/cm (355 W.P.I.)
Cooling water supply (GLS UV-curing), per unit	3.6 kW
Compressed air supply required	600 l per min. at 7 bar
Main motor capacity	10 kW/13.4 HP
Power consumption:	
6-colour press (hot-air drying)	40kW
6-colour press (GLS UV-curing)	36kW
Floor space required, 6-colour press	
incl. of rotary die-cutting, but excl. flatbed die-cutting	6000 x 1950 (19'8" x 6'5")
Floor space required, 6-colour press	
incl. of rotary die-cutting and flatbed die-cutting	7060 x 1950 (23'1" x 6'5")



The FA-2500 is set for the future and comes ready to handle several processes in the same basic machine

Tomorrow's markets will put greater demands on today's label printer.

Customers will specify new, more complicated work. Runs will be shorter, lead times less.

Printers will be continuously challenged to produce even higher levels of technical achievement, and only those who are equipped to meet these challenges will meet with success. The Nilpeter FA-2500 meets these needs today.

Fully modular, the basic press can be specified with flexo, UV-flexo or screen printing units, with flatbed or rotary die-cutting and hot foil stamping.

Units can be added – or even transferred from press to press – at any time, allowing you to increase **capacity and capabilities** as your market grows.

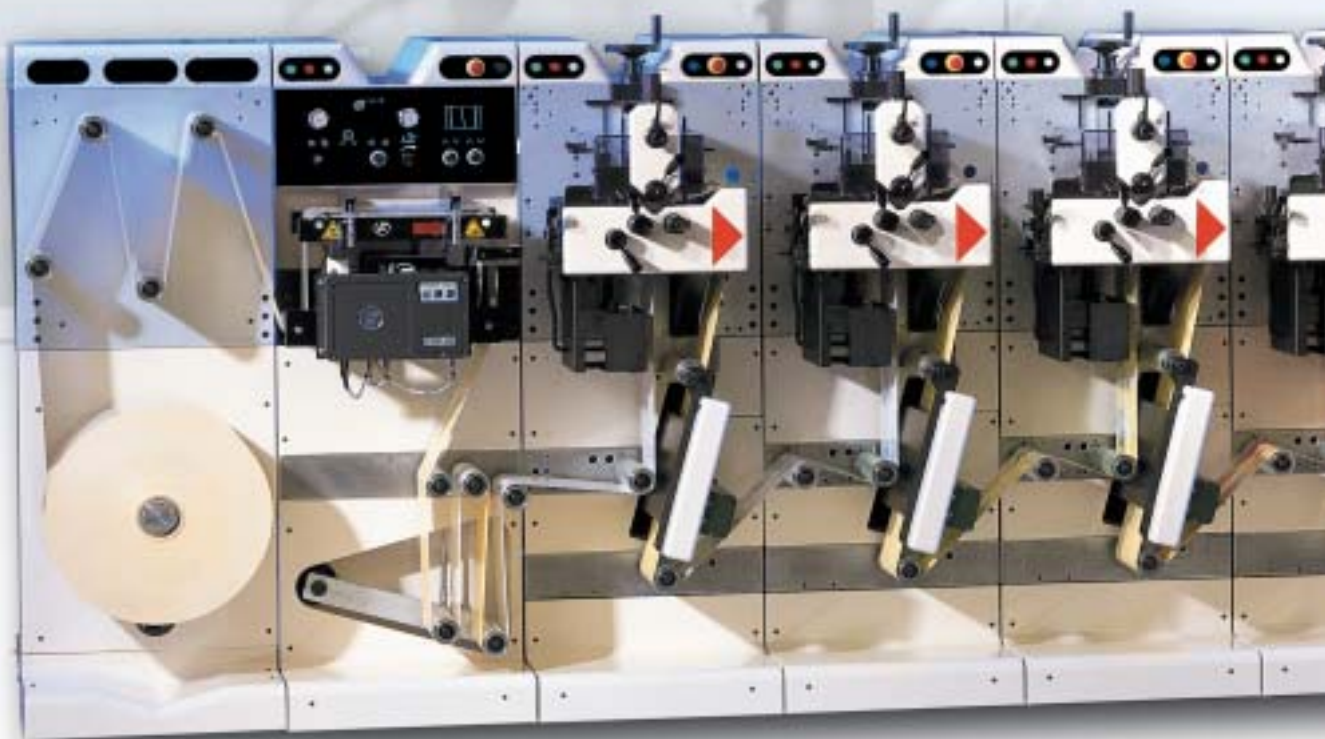
Technically the FA-2500, with its 280mm web, is the most advanced press in its size range.

Exact attention to design detail allows a basic two-colour machine to be expanded to a nine-colour combination press with multiple unwind and die-cutting stations.

The FA-2500 takes care of the environment and your company's future too. Enhanced with the Nilpeter GLS upgrades, the FA-2500 offers flexo label printing in offset quality.

The GLS features are designed to help you save on operating costs while winning extra business from the fast-growing number of customers who evaluate their suppliers' impact on the environment.

The GLS programme features innovations like our **new UV-curing lamps** with individually adjustable power consumption and extended



lifetimes. Add to this **ozone-free UV-curing** that makes bulky exhaust systems a thing of the past.

All the features you have come to expect from Nilpeter are included. Such as a **new web transport system** and guaranteed gear-mark-free printing.

There is a **new touch screen intelligent control system** with on-screen service information as well as operations monitoring.

All of these features combine with the fastest makeready time on the market, easy cleaning and, of course, CE approval, to make the FA-2500 the clear choice for companies who move with the times.

The industry leading Flexo Press...

- 1 Highly accurate web control system on each printing unit.
- 2 Quick-lock shaft for plate cylinder.
- 3 Control panel with optional job data capture program.
- 4 Ozone-free, exhaustless UV-curing process.
- 5 Cold UV-lamp with adjustable power output related to speed.
- 6 Flatbed die-cutting unit.
- 7 Quick-lock handles for swift set-up.
- 8 Unwind section with web control.
- 9 Splash-free doctor blade assembly.
- 10 Non-stop matrix removal.

