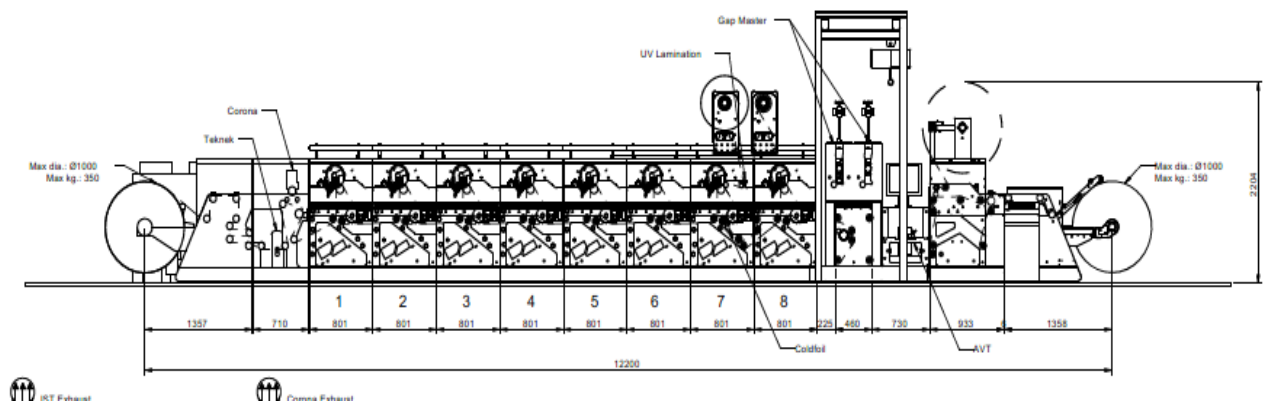




Press Specification

Number: **160270**
Date: 19.06.2018
Our ref.: JAL/kis

Pre-owned - 8 colour press
FA-Line: FA-4* NEXT CLEANINKING #F4733
MODULAR 16" MULTI-SUBSTRATE FLEXO PRESS



UNWIND MODULE

Motorized dual armed unwind with roll lift and 40" reel capacity.
Automatic web guide and servo-driven infeed section.
Servo-driven 3" pneumatic shaft.
Splicing table with pneumatic web clamps.
Prepared for installation of standard web cleaner and corona treater.

PRINT MODULE

Short web printing unit in sturdy construction.
Fully motorized presetting for impression and 360° register.
Prepared for installation of UV-system and/or hot air drying for water based inks
Easy access open area for web threading.
Direct servo-driven, gearless shaft for "**easy load**" printing sleeve.
Servo-driven anilox drive for "**quick-change**" anilox roller.
Quick-change **CLEANINKING** chamber and easy lock system.
Control panel with individual job change functionalities.
Multi-substrate upgrade, light weight web-driven chill rollers.
Passive antistatic function.
Prepared for installation of rail system and rail-based auxiliaries.
Prepared for installation of de-/relamination equipment.
Prepared for installation of UV-lamination and cold-foil equipment.

DIE-CUTTING MODULE

Servo-driven mid-feed pacing roller.
Dual servo-driven rotary die-cutting unit.
Motorized 360° register.

CONVERTING MODULE

Split section module with 40" waste rewind tower.
Prepared for installation of standard length / score or back slitting.
Prepared for installation of standard video inspection system.
Servo-driven, friction coated exit pull roll system.

REWIND MODULE

Motorized dual armed rewind with roll lift and 40" reel capacity.
Servo-driven 3" pneumatic shaft with taper tension control.
PMC including 2 **Air Control Satellites** (wireless operator interface).
Prepared for installation of sheeting unit and conveyer system.

ADDITIONAL FEATURES

Standard Nilpeter QC and certification.
Emergency stops and safety guards according to EC safety regulations.

CONFIGURATION

Item No.	MODEL FA-4*	QTY
5080005s	8 colour FA-4* NEXT basic flexo press excluding any drying.	1
45445s	IST MBS-6 UV-lamp with press integrated ducting system.	8
WEB ENHANCEMENT TECHNOLOGY		
45455s	Contact web cleaner, dual-sided including active antistatic device.	1
45456s	Corona pre-treating equipment "Vetaphone 2,0 kW".	1
45464s	Upgrade of printing unit with friction coated rollers.	10
AUXILIARIES FOR PRINTING MODULE		
45465s	Rail system per printing module.	8
45474s	UV-laminating unit for laminates. Requires unwind tower.	1
45476s	Cold foil upgrade consisting of stripping roller and web path rollers. Requires unwind and rewind tower and UV-laminating unit.	1
45466s	Movable unwind/rewind tower with tension control for laminating and cold foil, including basic roll cartridge.	2
AUXILIARIES FOR DIE-CUTTING		
45477s	Dual rotary die-cutting unit.	1
45481s	Pressure control for die-cutting unit including 2 spindles with pressure gauges.	2
45482s	Integrated GAP-master system for rotary die-cutting unit.	2
45483s	Kit for reverse side die-cutting.	1
AUXILIARIES CONVERTING MODULE		
45489s	Length slitting unit including 4 shear cut knives.	1
45492s	Automatic press stop device at matrix breaks.	1
PRESS CONTROL TECHNOLOGY		
45501s	P2C (Print-to-Cylinder) register system up to maximum 8 units.	1
45502s	P2C (Print-to-Cylinder) register for additional printing and/or converting unit.	1

45505s	Variable imperial/metric print length and inseting functionality.	1
45506s	Job management package.	1

Vision systems

45493s	Integration kit for standard video web inspection system.	1
45495s	Integrated video web inspection system with colour monitor, motorized position of camera and remote control.	1

TOOLS FOR FLEXO UNITS

45533s	Additional CLEANINKING quick change chamber.	8
45530s	Peristaltic single unit ink pump.	8
45531s	"Ultra" light weight anilox roller.	18

OTHER EQUIPMENT

45543s	Crane for lifting die-cylinders.	1
45450s	Cooling unit for max. 12 printing units.	1

TECHNICAL SPECIFICATIONS

Mechanical press speed:	0 - 175 m/min.
NilScreen speed:	0 - 80 m/min.
Unwind diameter:	1.016 mm (40") - max. 350 kg
Rewind diameter:	1.016 mm (40") - max. 350 kg
Waste rewind diameter:	1.016 mm (40") - max. 40 kg
Unwind/rewind tower diameter:	600 mm (23 ¾") - max. 40 kg

WEB SPECIFICATIONS

Web width, max.:	420 mm (16½")
Min. width for paper materials:	50% of max. width
Min. width for foils/film materials:	75% of max. width

PRINTING SPECIFICATIONS

Printing width, max.:	410 mm
Flexo printing width:	16" (410 mm)
Flexo repeat length:	8" - 25" (203,2-635 mm)
Die-cutting width:	16" (410 mm)
Die-cutting repeat length:	12" - 25" (304,8-635 mm)

RECOMMENDED THICKNESS

Photopolymere printing plates:	1,14 mm
Tape for plate mounting:	0,50 mm

Note! Other plate and tape dimensions upon request.

REGISTER SPECIFICATION

Reference is made to Nilpeter Standard Register Specifications for Flexo and Offset Presses!, which can be mailed to you upon request.

Accuracy for a combination job:	within +/- 0,1 mm
Accuracy for at least 95%:	within +/- 0,066 mm

APPLICATION PURPOSE

The machine is designed for the printing and die-cutting of conventional self-adhesive labels.

Substrate:	Normal self-adhesive materials
Substrate thickness:	Approx. 160 my (min. 100/max. 220)
Standard die-cutting:	Servo-driven rotary die-cutting

Note! Printing on other materials and use of other material thicknesses only upon special request.

SITE REQUIREMENTS

ELECTRICAL POWER SUPPLY

NILPETER's printing presses are designed to run at a voltage of 3 x 400 volt (voltage between the phases) and at a frequency of 50 or 60 Hz. The power supply must have 3 phases, a neutral conductor and a protective earth conductor. If the supply voltage differs from 3 x 400 volt, the press needs to be supplied via a supply transformer (isolating transformer).

The power supply has to have system earth TN-C, TN-S or TN-C-S.

The main electrical panel of the press does not include over-current protection or short circuit protection to protect the power supply. This equipment must be installed in the owners distribution panel.

Electrician needed for connecting the press line to the main power supply is not included and according to the rules in force this has to be done by a local electrician.

INDOOR CLIMATE CONDITIONS

Room temperature:	max. 25°C
Thermal fluctuation (24h):	max. 10°C
Relative humidity:	min. 25% / max. 60%

SIGNATURE

For:

nilpeter a/s - Denmark

... your printing partner