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NASSIF
Printing supplies

DRUCKTEK
Printing technology

FLEXO

Our mission is to provide our customers with the most reliable products and after sale services

Content

Nassif Printing Supplies is a Lebanese company established in 1983 to serve the printing and packaging sectors in GCC and all the Middle East. Our main duty is printing products and machineries as well as representing well known manufactures from Europe and China. We therefore intend to increase our effectiveness through availability of products, well-structured planning, and the finest customer service.

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SZ-FEP-1 Flexo CTP Plate Processor

Plate exposure, developing, drying,
post processing. Applicable to all kinds of high-quality
plate, the largest working format

Technical specifications

Model	SZ-FEP-1 Flexo CTP
Group cleaning device, with the brush rotating and horizontal cleaning at the same time, cleaning effect is more significant.	
Adopt imported Philips UVA and UVC light source, which is highly effective and easy to replace.	
Well temperature controlling of the strip lamp to keep the spectrum stable and effective.	
Constant temperature controlling system of exposure platform to ensure the quality of exposure stability.	
Adopt individual and stable vacuum system, pressure adjustable.	
The drying part adopts double separate unit design, each unit can control the drying time separately.	
Suitable for plates of different thickness.	
Independent safety control of solvent temperature and with filter device.	
Adopt convenient solvent collection and addition method.	
Each unit has a separate air exhausting system, eliminating solvents and other peculiar smell.	

LQJ-330/520 Intermittent Offset Label Presses

- Servo driven system
- Most advanced printing system
- Pre-register system
- Register system
- Vacuum backflow control unwind
- Control system
- Lubrication system

Technical specifications

Model	LQJ-330	LQJ-520
Total Capacity	30kw/6colors (not including UV)	60kw/6colors (not including UV)
Max. Web Width	330mm	520mm
Max. Printing Width	320mm	510mm
Printing Repeat	100-350mm	150-380mm
Thickness of Substrate	0.1-0.3mm	0.1-0.35mm
Machine Speed	50-180rpm(50m/min)	50-160rpm
Max. Unwind Diameter	700mm	1000mm
Max. Rewind Diameter	700mm	1000mm
Pneumatic Requirement	7kg/cm2	10kg/cm2
UV Capacity	4.8kw/color	7kw/color
Power	3phases 380V	3phases 380V
Overall Dimensions (L×W×H)	9500x1700x1600mm	11880x2110x1600mm
Machine Weigh	13ton/6colors	15ton/6colors

LQM-320 Automatic Diecutting Machine

The Machine adopts accurate Flatten Diecutting System.
Adhesive paper, dacron label and laser hologram mark. This is the ideal association equipment for Flexo Printing Machine, Silk Screen Printing machine, Gravure Printing Machine and Hologram Mark Printing Machine.

Technical specifications

Model	LQM-320
Diecutting Speed	Roll to Roll
Max. Feeding Diameter	500mm
Max. Web Width	330mm
Max. Diecutting Width	Self-Adhesive Paper, PET, PVC, Paper, Leather, Wood, PMMA etc.
Max. Diecutting Length	10.6um CO2 Laser
Positioning Precision	180W
Main Motor Power	Color Code Sensor + Auto Deviation Correction
Total Power	±0.10mm
Net Weight	320mm
Overall Dimensions (LxWxH)	1-60m/min

LQ330R Laser Cutting-Engraving Machine

- Digitalization.
- High Precision.
- High Efficient.
- Affordable Cost.
- Mechanical part.
- Optical part.
- Electrical and control part.

Technical specifications

Model	LQ330R
Design Type	Roll to Roll
Max. Roll Diameters	500mm
Max. Sheet Size	330mm
Application Materials	Self-Adhesive Paper, PET, PVC, Paper, Leather, Wood, PMMA etc.
Light Source	10.6um CO2 Laser
Laser Energy	180W
Positioning Method	Color Code Sensor + Auto Deviation Correction
Positional Accuracy	±0.10mm
Max. Scan Range	320mm
Cutting Speed	1-60m/min
Input File	PLT, DXF
Power Supply	AC220V 50Hz 5-8Kw
Working Environment	T20±2C, RH40%-70%
Net Weight	3500kg
Overall Dimensions	3150x2250x1780mm (L×W×H)

YT300W

Fully-automatic Unit-Type High-speed Label Printing Machine

Reciprocating feeding type
No axis controlling system
Photo electricity sensor
Automatic show and electro motion
Optimized ink-roller arrangement and rolling speed
High speed equipment for pressure adjustment

Technical specifications

Model	LQ-YT300W
Printing Color	6 colors
Max Printing Speed	250sheet/min
Roller Diameter	φ600mm
Paper Roller Diameter	φ75mm
Max Paper Roller Width	300mm
Printing Length	50-245mm
Power	15kw
UV Power	Unitx4.8kw
Overall Dimensions (LxWxH)	7320x1380x1700mm
Power Supply	380V 3phase 50Hz
Machine Weight	7000kg

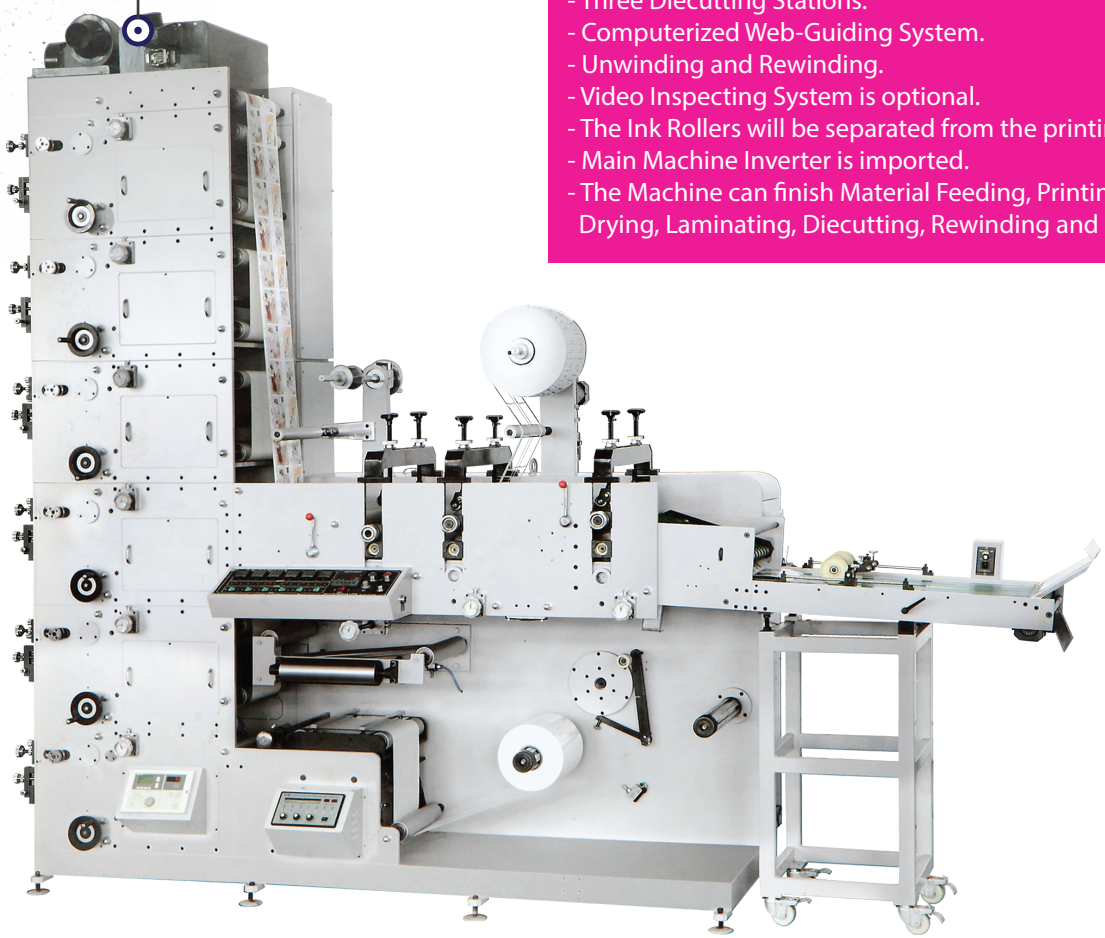
LQ-TH230 330 Intermittent Letterpress

- Linear Guide：High precision, flexible adjustment, excellent wearability, long operation life.
- Control System.
- UV System: combine LED-UV and normal UV laminating.
- Mounting operation is simple.
- Plate install device:easy mounting, high efficiency.
- Secondary Printing.

Technical specifications

Model	LQ-TH230	LQ-TH330
Maximum Feed Width	230mm	330mm
Maximum Printing Width	220mm	310mm
Intermittent Printing Length	50-180mm	330mm
Max. Printing Speed	200rpm	250rpm
Maximum Paper Roll Diameter	600mm	700mm
Monitor Rate	8.3kw	15kw
UV Power	6.3kw	Colors x 4.8kw
Power Supply	3phase 380V/AC 50Hz	
Overall Dimensions	3420x900x1350mm	7000x1200x1700mm
Machine Weight	2800kg	7000kg

LQS-320G Label Flexo Printing Machine with Three Diecutting Stations

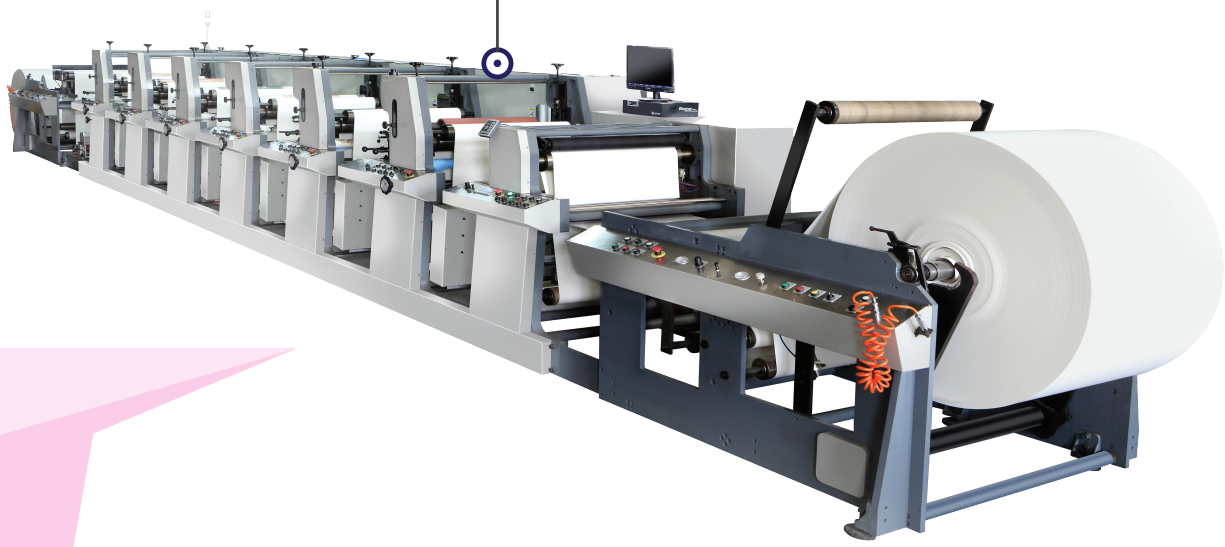


- Three Diecutting Stations.
- Computerized Web-Guiding System.
- Unwinding and Rewinding.
- Video Inspecting System is optional.
- The Ink Rollers will be separated from the printing roller.
- Main Machine Inverter is imported.
- The Machine can finish Material Feeding, Printing, Vanishing, Drying, Laminating, Diecutting, Rewinding and Sheeter in a lump.

Technical specifications

Model	LQS-320G
Max. Printing Speed	100m/min
Printing Color	5 Colors
Max. Web Width	320mm
Max. Printing Width	310mm
Max. Unwinding Diameter	650mm
Max. Rewinding Diameter	650mm
Printing Length	175-355mm
Printing Precision	±0.1mm
Overall Dimensions (LxWxH)	2600x1100x2600mm
Net Weight	3350kg

LQ-A920-1850 Flexo Printing Machine

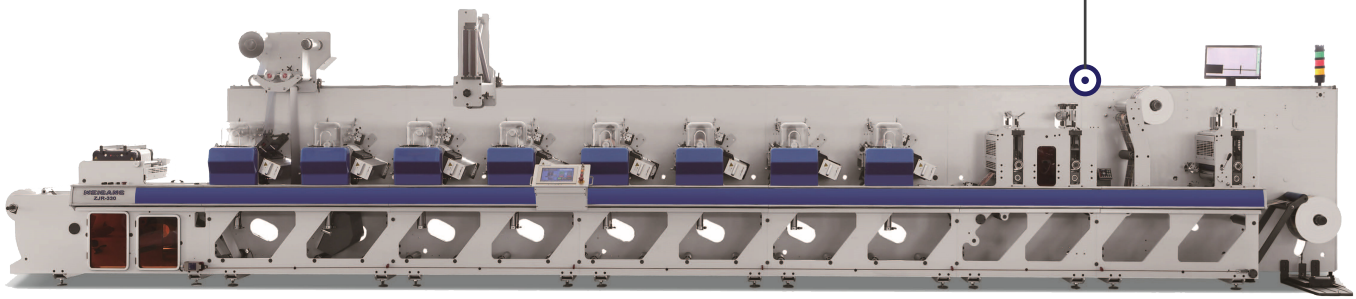


Technical specifications

Model	900	1000	1200
Max. Web Width	920mm	1020mm	1220mm
Max. Printing Width	900mm	1000mm	1200mm
Max. Diecutting Width	900mm	1000mm	1200mm
Printing Repeat	286-1200mm		
Diecutting Repeat	286-1200mm		
Max. Unwinding Diameter	1524mm/1200mm		
Max. Rewinding Diameter	1524mm/1200mm		
Gearing	1/8cp		
Max. Mechanical Speed	150m/min		
Diameter of Guiding Roller	100mm		
Main Motor Power	15kw-22kw		
Drying Mode	A. Warm Drying B. IR Drying C. UV Drying		
Suitable Ink	A. Aqueous Ink B. UV INK		
Power Requirement	3 Phase 380v 50hz		
Suitable Substrate	17gsm Copy Paper, Cotton Paper, 80-450gsm Chrome Paper, Aluminum Foil Paper, BOPP, PET, Paper Board, Kraft Paper		

LQ-ZJR-330 Flexo Printing Machine

This machine adopts the latest servo control system.
The printing roller adopts a sleeve system.
It has a fast and easy pressure adjustment of printing or ink transferring.



Technical specifications

Model	LQ-ZJR-330
Max. Printing Speed	180m/min
Printing Color	4-12Colors
Max. Printing Width	330mm
Max. Web Width	340mm
Printing Repeat Length	Z76-190 (241.3mm-603.25mm)
Max. Unwinding Diameter	900mm
Overall Dimensions (LxWxH)	10830x1560x1520mm 8 Colors

LQ-CS1000-1270 Flexo Printing Machine

Technical specifications

Model	1000	1270
Max. Web Width	1020mm	1300mm
Max. Printing Width	1000mm	1270mm
Max. Diecutting Width	900mm	1270mm
Printing Repeat	300-1000mm	300-1000mm
Diecutting Repeat	300-1000mm	300-1000mm
Max. Unwinding Diameter	1524mm/1200mm	1524mm/1200mm
Max. Rewinding Diameter	1524mm/1200mm	1524mm/1200mm
Gearing	1/8cp	1/8cp
Max. Printing Speed	240m/min	240m/min
Diameter of Guiding Roller	100mm	100mm
Drying Mode	Warm Drying / IR Drying / UV Drying	
Suitalbe Substrate	80-450gsm Chrome Paper, Aluminum Foil Paper, BOPP, PET, Paper Board, Kraft Paper	

LQTG High Speed Flexo Printer Slotter Rotary Die-Cutter & Stacker (Vacuum Transfer)

Technical specifications

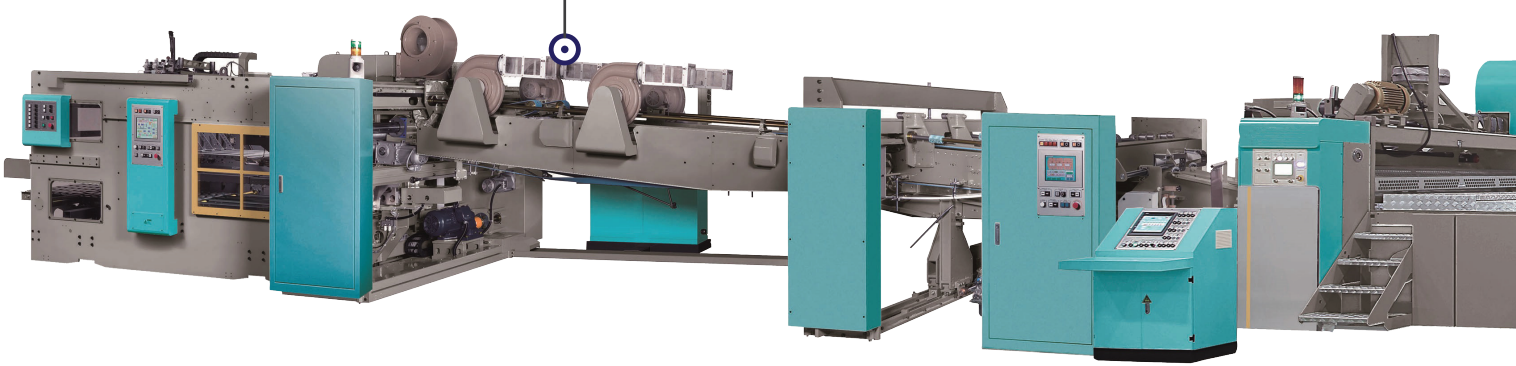
Model	LQTG618	LQTG920	LQTG1224	LQTG1228
Max. Machine Speed (pcs/minute)	350	300	250	230
Max. Feeding Size (mm)	600×1800	900×2000	1200×2400	1200×2800
Min. Feeding Size (mm)	200×435	300×600	365×600	365×600
Skip Feeding Size (mm)	800×1800	1200×2000	1500×2400	1500×2800
Max. Printing Size (mm)	600×1760	900×1960	1200×2360	1200×2760
Min. Slotting size (R: mm)	230×60×230×60	230×60×230×60	260×60×260×60	260×60×260×60
Min. Slotting size (S: mm)	110×110×110×110	130×130×130×130	130×130×130×130	130×130×130×130
Max. Slotting depth (mm)	200	250	300	300

CE certified machine designed with advanced concept:
- Feeder unit
- Printer unit
- Dryer unit
- Slitter unit
- Die-cutter unit

Model	LQTG1420	LQTG1628	LQTG1632	LQTG1636
Max. Machine Speed (pcs/minute)	220	180	180	160
Max. Feeding Size (mm)	1400×2000	1600×2800	1600×3200	1600×3600
Min. Feeding Size (mm)	365×600	450×600	450×600	450×600
Skip Feeding Size (mm)	1700×2000	1900×2800	1900×3200	1900×3600
Max. Printing Size (mm)	1400×1960	1600×2760	1600×3160	1600×3560
Min. Slotting size (R: mm)	280×80×280×80	280×80×280×80	280×80×280×80	
Min. Slotting size (S: mm)	130×130×130×130	130×130×130×130	130×130×130×130	130×130×130×130
Max. Slotting depth (mm)	350	400	400	400

LQTGFG High Speed Flexo Printer Slotter Rotary Die-Cutter Inline with Folder Gluer

- Designed and produced according to high requirement, high performance and high safety.
- Smart computer control.
- Fixed units with vacuum transfer.
- Peristaltic pump applied for gluing section.
- Continuous _apping system reduce _sh tail a lot.
- Counter ejector system.



Technical specifications

Model	LQTGFG1218	LQTGFG1222	LQTGFG1226
Max. Machine Speed (pcs/minute)	250	250	230
Max. Feeding Size (mm)	1200×1900	1200×2300	1200×2700
Min. Feeding Size (mm)	350×600	350×600	350×600
Skip Feeding Size (mm)	1500×1900	1500×2300	1500×2700
Max. Printing Size (mm)	1100×1750	1100×2150	1100×2550
Gluing width(mm)	≤45	≤45	≤45
A Size	180~600	200~800	220~850
B size	150~600	180~800	200~850

LQTG-FS High Speed Flexo Printer Rotary Die-Cutter (Top-Printing, Servo, Vacuum Transfer and Fixed Structure)

Feeder unit
Printer unit
Dryer unit
Slitter unit
Die-cutter unit

Technical specifications

Model	LQTG-FS 1218	LQTG-FS 1222	LQTG-FS 1226
Max. Machine Speed (pcs/minute)	250	250	230
Max. Feeding Size (mm)	1200×1900	1200×2300	1200×2700
Min. Feeding Size (mm)	350×600	350×600	350×600
Skip Feeding Size (mm)	1500×1900	1500×2300	1500×2700
Max. Printing Size (mm)	1100×1750	1100×2150	1100×2550

Flexo UV Ink

Integra-T inks

A versatile range of high performance UV flexo process inks designed for printing labels, tags, sleeves, tickets and other applicants found in the narrow web market.

FLEXO UV LM

Low Migration printing inks are suitable for use on the nonfood contact surface of food packaging.
High performance UV flexo inks offering the narrow web printer the option to print primary or secondary food packaging or pharmaceutical packaging where a risk from migration has been identified.

PANTONES

Flexo White Ink

Last-Down White

Range of flexographic inks polymerizing under Ultra Violet radiation, high speed printing with good adhesion and flexibility on a large number of papers, cardboard, Corona treated synthetic substrates.

First-Down White

UV flexo first-down white ink intended for printing of labels, tags, sleeves, tickets and other applications found in the narrow web market where high opacity and whiteness is required.

Sleeve White

UV flexo white ink intended for reverse-printing of shrink sleeves or other impervious substrates where slip control is required without the use of a clear varnish.

Flexo UV Ink

Silver and Gold UV Flexo

UV flexo metallic inks offering the narrow web printer the latest technology of trouble-free UV Flexo printing.

Features

-Single-component.products
-Pantone metallic shades
-Fast cure speed to ensure full cure
at the highest press speeds
-High coverage and excellent gloss
-Good printability for high print quality
-Formulated without VOC's.

Ink Additives

Ink Additives for UV Flexo

Description	Usage
UV curable cold-foil adhesive	Designed for in-line cold-foil Application over suitable UV, Offset and water based flexo inks.
UV Flexo Ink Reducer	Adjustment of viscosity and flow
UV LM Slip Additive	Silicone in monomer blend
UV Flexo Ink Hold-Out Additive	Improved hold-out properties
UV Wax additive	PE wax paste to improve rub resistance
UV Flexo Adhesion promoter	Improves adhesion
UV LM Plastics Viscosity Reducer	Monomer, Viscosity Reducer, low migration Inks
UV Flexo Ink Matting additive	Increases mattness
UV Flexo Ink Defoamer	Reduces Foaming
UV LM Flexo Cure Additive	Improves cure speed in inks

Solvent Based Ink

Nitrolam

- Rotogravure & Flexographic NC based ink for reverse and surface printing.
- Used for laminated pouches(coated polystrer only) , paper bags, shopping bags, chocolate wrappers, label printing.
- Substrates: Treated PP and PE, Pearl BOPP, Paper and board, BOPP/PET/PVC, Glassine, metalised film.

Features:
- Excellent print ability and resolubility
- High color strength and high bond strength
- Suitable for food packaging
- Low solvent retention / low odour
- Suitable for speed up to 400 m/m

Shrinkable

- Solvent based reverse printing non lamination for shrinkable film.
- Printing labels for mineral water, shampoos, cold drinks and fruit juices.
- Substrates: shrinkable PVC films.

Features:
- Good printability and resolubility.
- Good gloss and high strength.
- Good flow and solvent release ink.

Water based Ink

Suitable for flexographic printing on various types of boards & papers.It applies on corrugated boxes and paper bags.

Substrate: - paper (coated and uncoated) - Kraft paper.
Features: - Good ink transfer - Rapid drying - High color strength - Good opacity

Varnishes

Coating gloss UV

Radical curing UV varnish with a good reactivity,
Can be used over UV inks.

Coating matt UV

Radical curing Matt UV varnish with a good reactivity,
Can be used over conventional inks and UV inks.

Antistatic varnish

High slip, Antistatic Low Migration for PP In-Mould Labels

Gloss stampable

Stampable with improved scuff

Gloss rollercoat

Standard product

LM matt

Low Matt, Migration, Stampable

Fast cure resistant label flexo

Fast cure, high chemical resistance, suitable for thermal papers

High slip gloss flexo

Very high slip

High rub stampable matt

High scuff matt stampable

LM Gloss stampable

Lowest Migration

High rub matt

High scuff, high slip matt

Chemicals

ANILOX CLEANING GEL

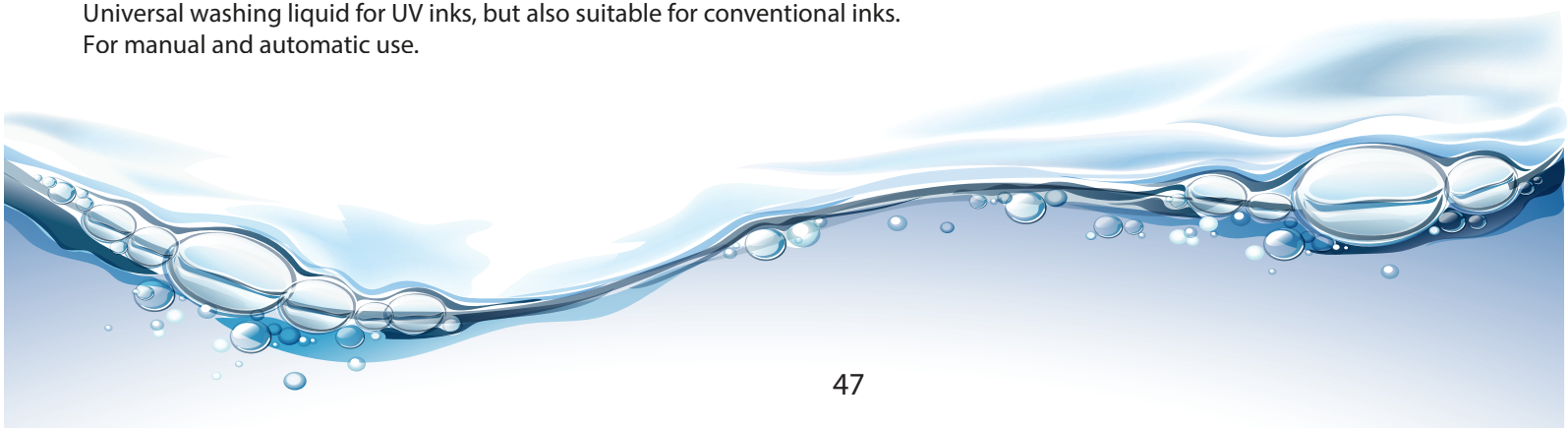
Cleaning gel for anilox rollers to
remove residue from waterbased coatings.
Also removes dried coatings.

HANDCLEANER

- Paste
- Effective and mild components

SOLSTAR UV 1076

Universal washing liquid for UV inks, but also suitable for conventional inks.
For manual and automatic use.



SOLSTAR FS

Volatile degreasing fluid for an effective surface cleaning of chrome-, ceramic-, rubber- and synthetic rollers for dampening systems.

SOLVIT

Powerful cleaner for dried ink residues.

VARNISH REMOVER

Universal cleaner for water based coatings.

AURA 600 SERIES FLEXO CTP

- Max.Breadth:680mm x430mm
- Application:Label and trademark
- Laser Lifetime:>10000h

Technical specifications

Model	600E	600S
Plate Type	Digital letterpress (Water base), Digital flexo plate(Water base), Digital flexo plate(Solvent base), Heat corrosive film, Thermal PS plate, Digital steel based plate	
Output Speed	1.25m2 /h	2.5m2 /h
Max. Breadth	26" x17"/680mm x430mm	
Plate Thickness	0.78mm～2.84mm	
Application	Label and trademark	
Resolutions	4000dpi	
Interface	USB2.0	
Plate Loading	Manual load and unload	
Focus Adjust	Dynamic autofocus	
Device Size	1130×770×1050mm(W×D×H)	
Net Weight	400KG	
Power	220V/50Hz, 60Hz Mainframe 1.5KW+Humidity 1.0KW	

AURA M600E/S STEEL BASED CTP

- Max.Breadth:680mm x430mm
- Application:Label and trademark
- Laser Lifetime:>10000h

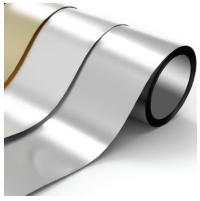
Technical specifications

Model	M600E	M600S
Plate Type	Digital letterpress (Water base), Digital flexo plate(Water base), Digital flexo plate(Solvent base), Heat corrosive film, Thermal PS plate, Digital steel based plate (Aura M600 magnetic drum CTP)	
Output Speed	1.25m2 /h	2.5m2 /h
Max. Breadth	26" x17"/680mm x430mm	
Plate Thickness	0.78mm～2.84mm	
Application	Label and trademark	
Resolutions	4000dpi	
Interface	USB2.0	
Plate Loading	Manual load and unload	
Focus Adjust	Dynamic autofocus	
Device Size	1130×770×1050mm(W×D×H)	
Net Weight	400KG	
Power	220V/50Hz, 60Hz Mainframe 1.5KW+Humidity 1.0KW	

Lamination and labeling

Self adhesive label

A selection of uncoated, coated, coloured and metallized self-adhesive materials with different finishing, triplex constructions and for thermal transfer printing.



Wrap around

It is a co-extruded, plain and one side corona treated Bi-axially Oriented Polypropylene film.
-Transparent wrap
-Pearlised wrap
-Metalised wrap

Features

-Very good printability
-Excellent machinability
-Good optics
-Good stiffness

In Mould

It is a co-extruded, one side glossy, other side matte and both sides corona treated highly cavitated white opaque Bi-axially Oriented Polypropylene film.

Features

-High yield
-Excellent machinability
-Printable surface with sparkling gloss
-Matte surface suitable for fusion with PP container
-High opacity & whiteness index
-Good antistatic
-Suitable for Offset, Rotogravure & Flexography printing.

Shrinkable Sleeve

Mono-Axially oriented Co-Polyester based film with more shrinkage in transverse direction.
The film is coated for better frictional & handling properties.
This film is specially designed for outer wrapping & labeling of PET & Glass bottles,Cans and various other kind of containers with complex shapes in form of sleeves & cap seal stock.

KDX

STRONG EUROPE

SunChemical®

ADGM
CARTON
CONVERTING
EQUIPMENT

radior
Metallic Inks

TECHKON®

DIGITEK
rule the change

KRUSE
VARNIPLATE & CHEMICALS

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联强集团
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CONTI-AIR®
BLANKET TECHNOLOGY

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ZINKS
COLORS & TECHNOLOGY

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NASSIF
Printing supplies

DT
DRUCKTEK
Printing technology

nastek.
infinit solutions

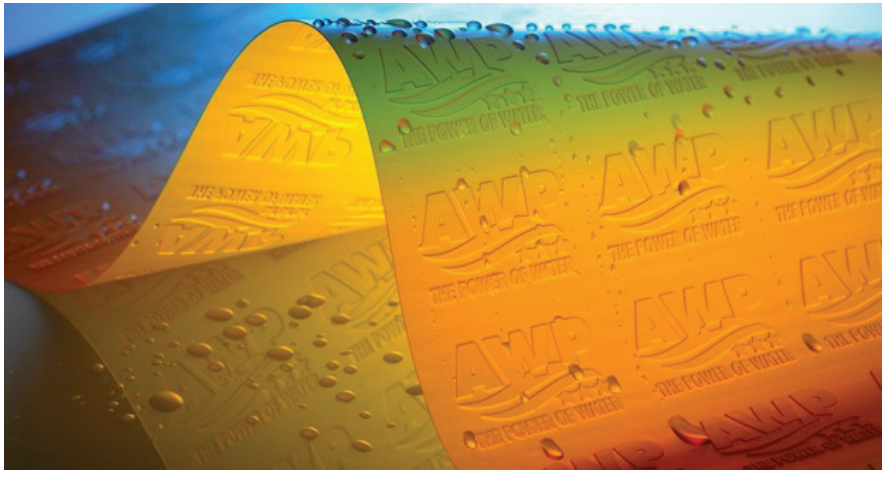
Flexo Plates

Washable Flexo Plate

A unique plate making technology and a beneficial alternative to other print processes.

High printing resolution, bright pictures and excellent press performance are a small selection of all the advantages you can get

- Consistent Plate reproduction
- Predictable first stable dot - predictable first printing dot
- Usually 1/3 of solvent plate making process time
- Only 5 minutes drying required at low temperature (40°C)
- Good plate dimentions due to low temperature production process



Technical specifications

Model	Washable Flexo Plate	
Thickness / mm	1,14	1.70
Hardness / Shore A	77	70
K Factor	5.98	9.98
Resolution 175 lpi digital	1-98%	1-98%
Isolated line / µm	80	80
Isolated dot / µm	150	150
Recommended application	Label, Flexible Packaging, Film and Paper, application with solvent and water based ink	

Digital Flexo Plate

A premium digital flexo plate giving the printer a wide color space with vibrant color reproductions and soft tonal shades fading out to zero.
High resolution image and printing performance

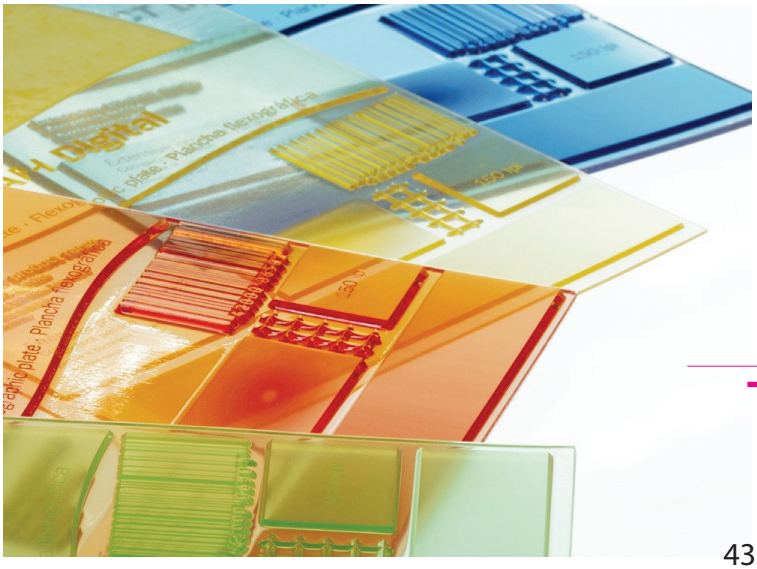
- Finest and soft tonal gradation fading out to zero

- Wide printed color gamut due to low dot gain and enhanced ink transfer

- High printing performance with solvent and water based ink on film or coated paper substrate

- Reduced ink filling-in in mid-tone printing leading to less press cleaning stops printing pressure setup giving increasing plate life time

- System compatibility with recent screening and microcell technologies



Solid Flexo Plate

Satisfies the severest criteria of quality in printing corrugated board, solid board and heavy-duty bags. The surface unevenness of the printing material is compensated by the ideal shore hardness and the resilience characteristics

Low dot gain printing
- Excellent ink transfer
- Optimized plate resilience to minimize the washboard effect
- Wide exposure latitude
- Optimized durability for high aggressive papers
- Large cleaning intervals
- Optimum intermediate depths
- Steep relief shoulders
- High flexibility
- High mechanical resistance

Technical specifications

Model	Digital Flexo Plate	
Thickness / mm	1,14	1.70
Hardness / Shore A	77	69
Resolution 175 lpi / 200 lpi	1-95%	1-95%
Isolated line / µm	80	80
Isolated dot / µm	150	150
Ink recommendation	Solvent and water based inks	
Application	Film and coated Paper	

Technical specifications

Model	Solid Flexo Plate						
Thickness / mm	2,84	3,94	4,32	4,70	5,00	5,50	6,35
Hardness / Shore A	39	35	34	34	33	33	33
K factor	17,05	23,97	26,36	28,75	30,63	33,77	39,11
Resolution 120 lpi conventional	3-95%	3-95%	3-95%	3-95%	3-95%	3-95%	3-95%
Resolution 120 lpi digital	2-95%	2-95%	2-95%	2-95%	2-95%	2-95%	2-95%
Isolated line / µm	150	150	150	150	150	150	150
Isolated dot / µm	200	200	200	200	200	200	200