

DiGiFiNi

LABEL  
FINISHING  
EXPERT



# MPX350 SERIES LABEL FINISHING PLATFORM

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The MPX series label finishing platform is based on the latest generation X combination platform of DIGIFINI, combined with a variety of process modules, such as: Flat-bed hot stamping, intermittent (full rotary) flexographic printing, flat-bed silk screen printing, Rotary die cutting, flat-bed die cutting, laser die cutting, Buffer and turret rewinding, sheet cutting, etc., combined with EtherCAT system, we can easily build a variety of customized finishing combination equipment according to customer needs.



MPX350-FRD

# LABEL FINISHING CONVERTER

## SPECIFICATION

Maximum Web Width: 350mm/13.7"

Maximum Web Diameter 800mm/31.5"

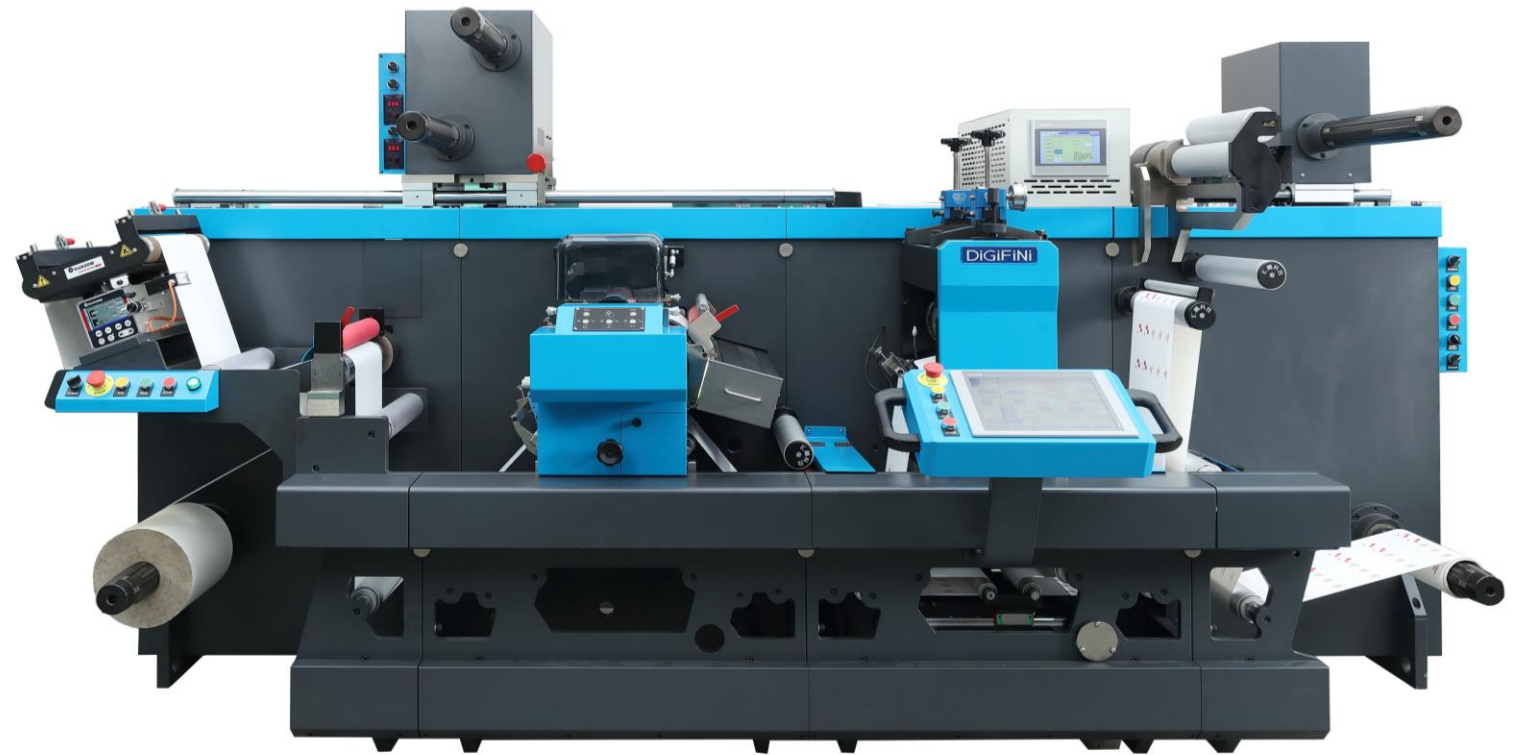
Maximum Web Speed: 100meters/minute (full rotary);300 cycles/min. (semi-rotary)

Effective working width: 340MM

Electrical Voltage: Req. Voltage (380V standard)  $\pm 10\%$ , 3-phases, Neutral, Ground

Machine size: 3400\*1500\*1760mm

Weight: 2.8 ton



MPX350

# FLAT BED HOT STAMPING

## Specification :

Max. web width:350mm

Max. working speed: 400 strokes/min.

Plate thickness: 3mm;7mm

Registration accuracy  $\pm 0.10$ mm.

Servo driven web In-feed roller.

Servo driven dancing roller.

Servo driven base to supply working pressing.

Servo driven foil feeding roller.

Tension controlled foil unwind & rewind.

Electronic heating base with heating controller

Sticky type die mounting block.

Foil station longitudinal manual adjustment



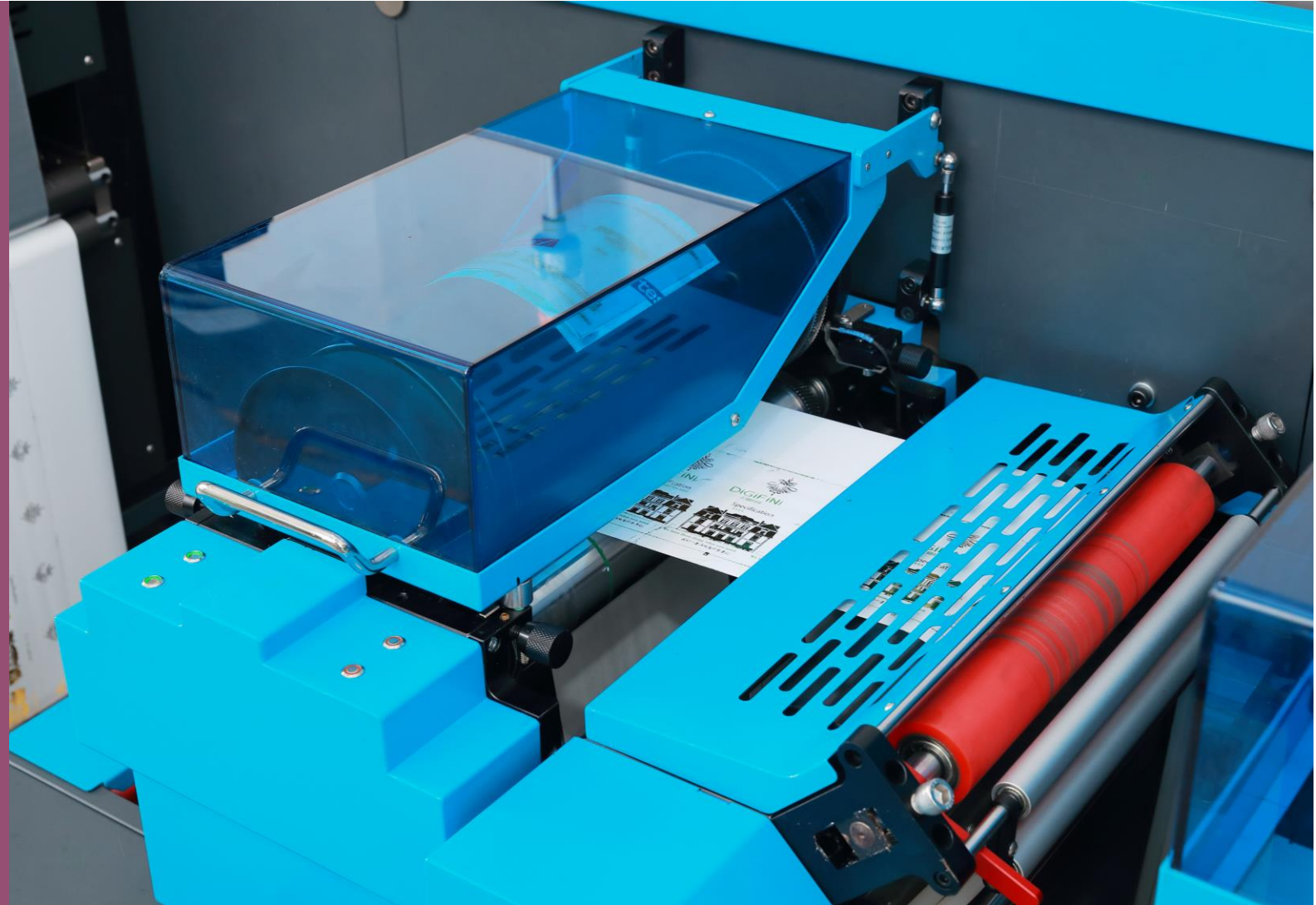


MPX350

# SEMI-ROTARY FLEXOGRAPHIC

Max. web width:350mm  
Max. speed: 100m/min. (full rotary); 300 cycles/min.(semi-rotary)  
Registration accuracy  $\pm 0.10$ mm.  
Printing Gear Pitch: Z = 3.175 mm (Helical 1/8")  
Print Repeat: Print Cylinder: From 65Z to 190Z;(full rotary)  
Plate Thickness: 1,14 mm  
Sticky Back Thickness: 0,38 mm

Servo driven 130Z printing cylinder for standard,180Z printing cylinder up-grade.  
Servo driven chilling drum with lamination roller..  
Mark sensor for register  
Anilox roller  
Inert impressing roller  
Ink tray  
Fountain roller  
Sleeve type varnish roller with cylinder  
Servo driven web In-feed roller.  
Servo driven dancing roller.  
7 kw E- power UV dryer.  
Longitudinal manual adjustment  
Upgradable cold foil for option

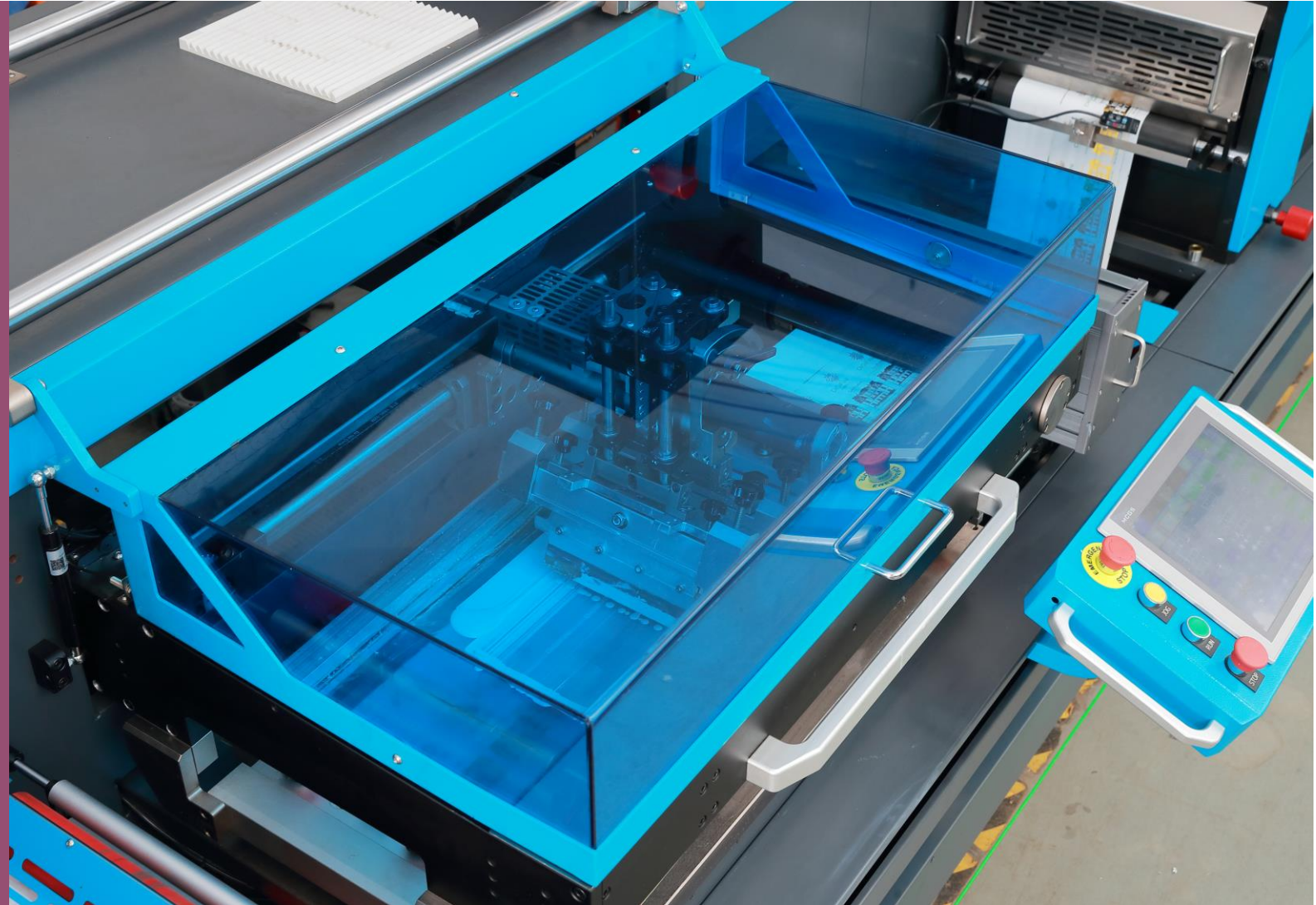


MPX350

# FLAT BED SILK SCREEN

Max. web width: 350mm  
Max. working speed: 120 cycles / min.  
Max. Printing length: 420mm  
Registration accuracy  $\pm 0.15$ mm.  
Screen frame size: 735\*500mm  
Squeegee size(H\*B): 50mm\*10mm  
Flood-bar

Servo driven web In-feed roller.  
Servo driven squeegee and flood-bar up-down.  
Servo driven printing head.  
Servo driven dancing roller.  
Vacuum flat base.  
Mark sensor for register  
7 kw E- power UV dryer  
Plexiglass safety cover  
Upgrade 3D foil





MPX350

# ROTARY DIE CUT

Max. web width:350mm

Max. working speed: 100m/min. (full rotary); 300 cycles/min. (semi-rotary)

Die-cut cylinder size: 90-190Z.

Registration accuracy  $\pm 0.10$ mm.

Servo driven 130Z magnetic cylinder for standard, 180Z magnetic cylinder up-grade.

Servo driven in-feed roller.

Servo driven dancing roller.

Servo driven anvil cylinder.

Die cylinder drives by anvil cylinder.

Longitudinal manual adjustment



MPX350

# FLAT BED DIE CUTTING

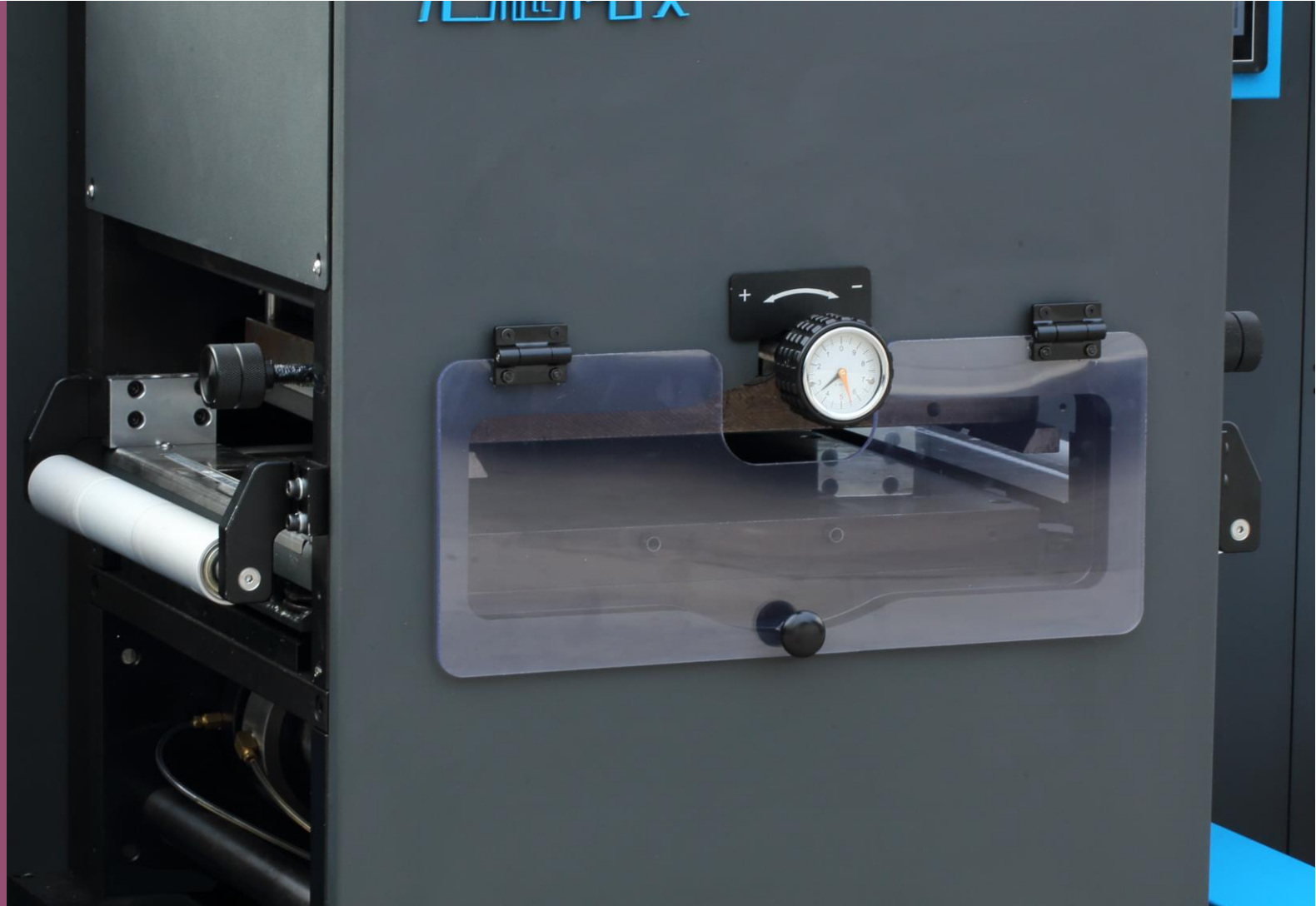
## Specifications

Maximum Web Width: 350mm/16.5"

Max. working speed: 100m/min.

Die-cut size: 330mm\*370mm.

Registration accuracy  $\pm 0.10\text{mm}$ .



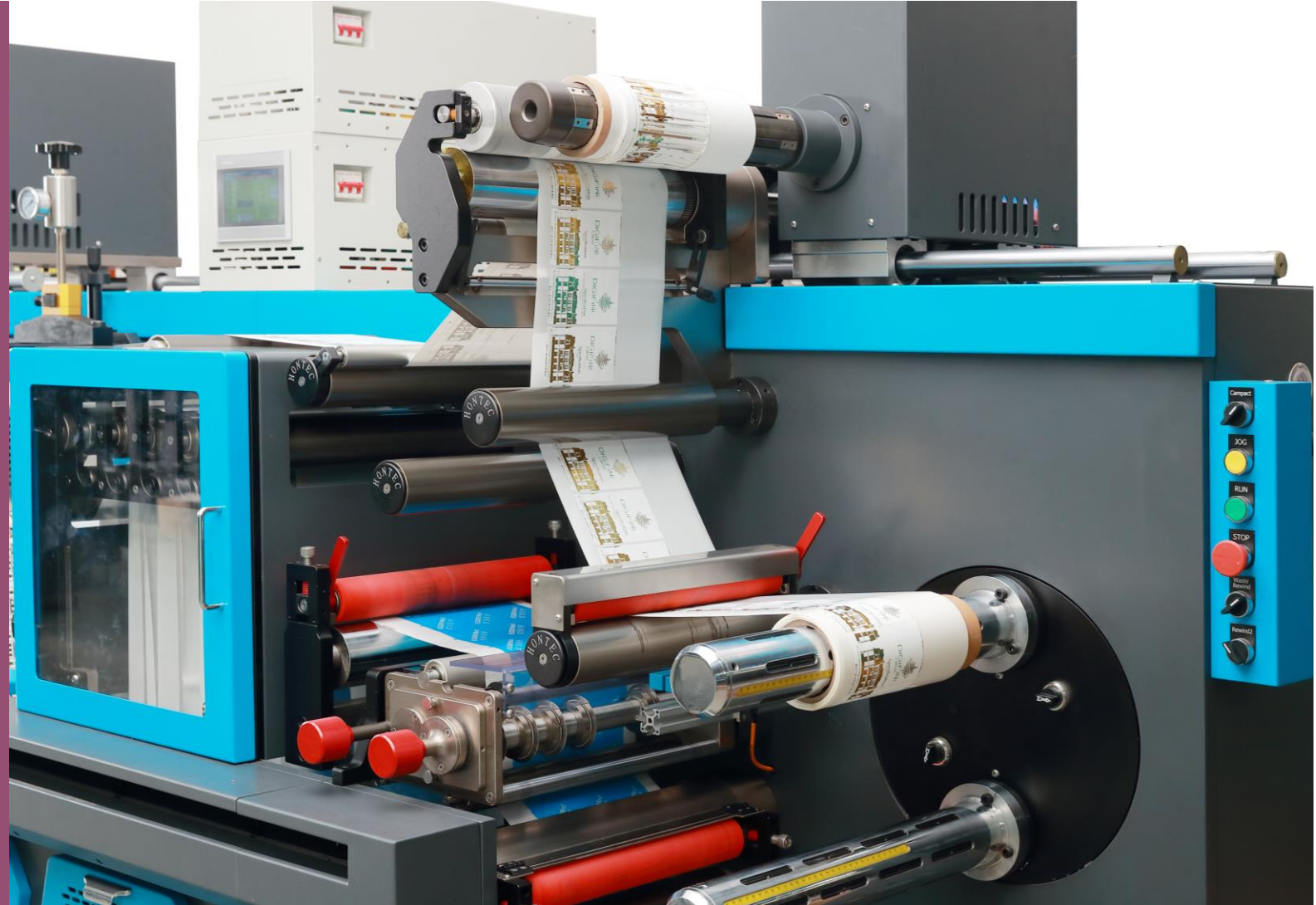


MPX350

# BUFFER SLITTING TURRET REWIND

Up to 20 m storage web length  
Quick change rewind shaft  
Adapt 1", 1.5", 2", 3" air-expanding shaft, 3" for standard.  
Semi-automatic turret, automatic turret up-grade

Disengage able shear slitting system with n. 5 rotary  
knives and counter-knives  
Automatic knives position system up-grade





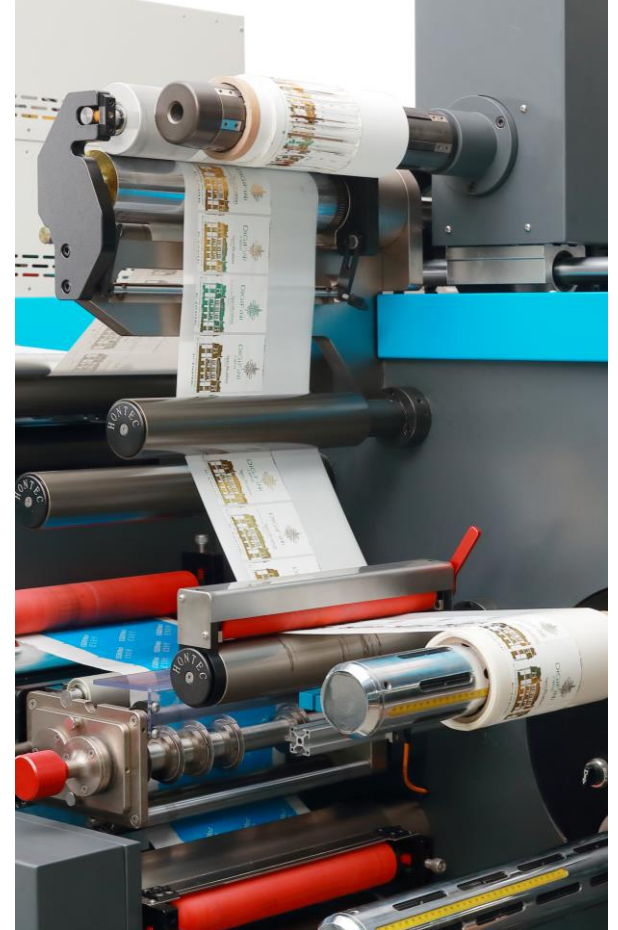
• ROTAR DIE CUTTING



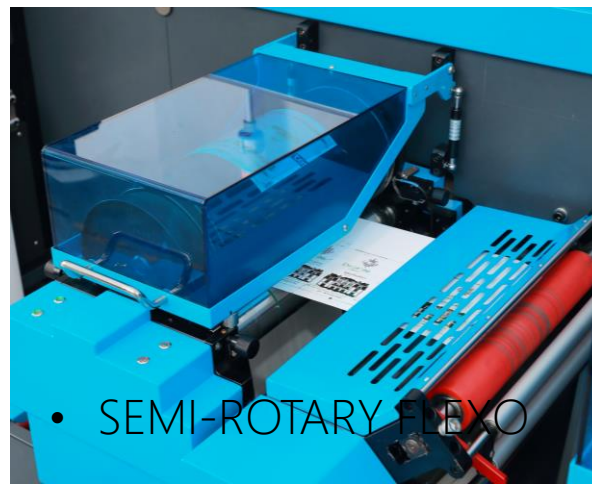
• UNWIND WITH CORONA



• SEMI-ROTARY FLEXY



• FLAT BED HOT STAMPING





# FD350 series LABEL FINISHING CONVERTER



## Specification :

Maximum Web Width: 350mm/13.7"

Maximum Web Diameter 800mm/31.5"

Maximum Web Speed: 100meters/minute

Effective working width: 340MM

Electrical Voltage: Req. Voltage (380V standard)  $\pm 10\%$ ,  
3-phases, Neutral, Ground



# FD350 HIGH SPEED FLAT BED DIE CUTTING MACHINE FD-350

## Specification

Maximum Web Width: 350mm/13.7"

Maximum Web Diameter: 800mm/31.5"

Maximum Web Speed: 75meters/minute

Main Machine size: 3200mm(L)X1300mm(W)X1800mm(H)

Weight: 2300KG

Power source: 3phases 380V/ 10KW



# FD350 HIGH SPEED FLAT BED DIE CUTTING MACHINE FDA-350

- Specification
- Maximum Web Width: 350mm/13.7"
- Maximum Web Diameter: 800mm/31.5"
- Maximum Web Speed: 100meters/minute
- Main Machine size:  
3200mm(L)X1300mm(W)X1800mm(H)
- Weight: 2300KG
- Power source: 3phases 380V/ 10KW



# FD350 –E LABEL FINISHING CONVERTER

## Specification:

- Maximum Web Width: 350mm/13.7"
- Maximum Web Diameter : 800mm/31.5"
- Maximum Web Speed: 75meters/minute
- Die cut Working Area: 330mmx370mm
- Maximum printing length : 140T (444.5MM)
- Main Machine size: 4500mm(L)X1300mm(W)X1800mm(H)
- Weight: 3000KG
- Power source : 3phases 380V/ 20KW

## Typical application:

- Pre-printing application: can assist digital and other printing methods, to process such as: pre-white, pre-cold foil, prime coating, and other pre-press processing
- After printing application: register printing, cold foil, laminating/wet laminating, spot varnish, die cutting and other solution.





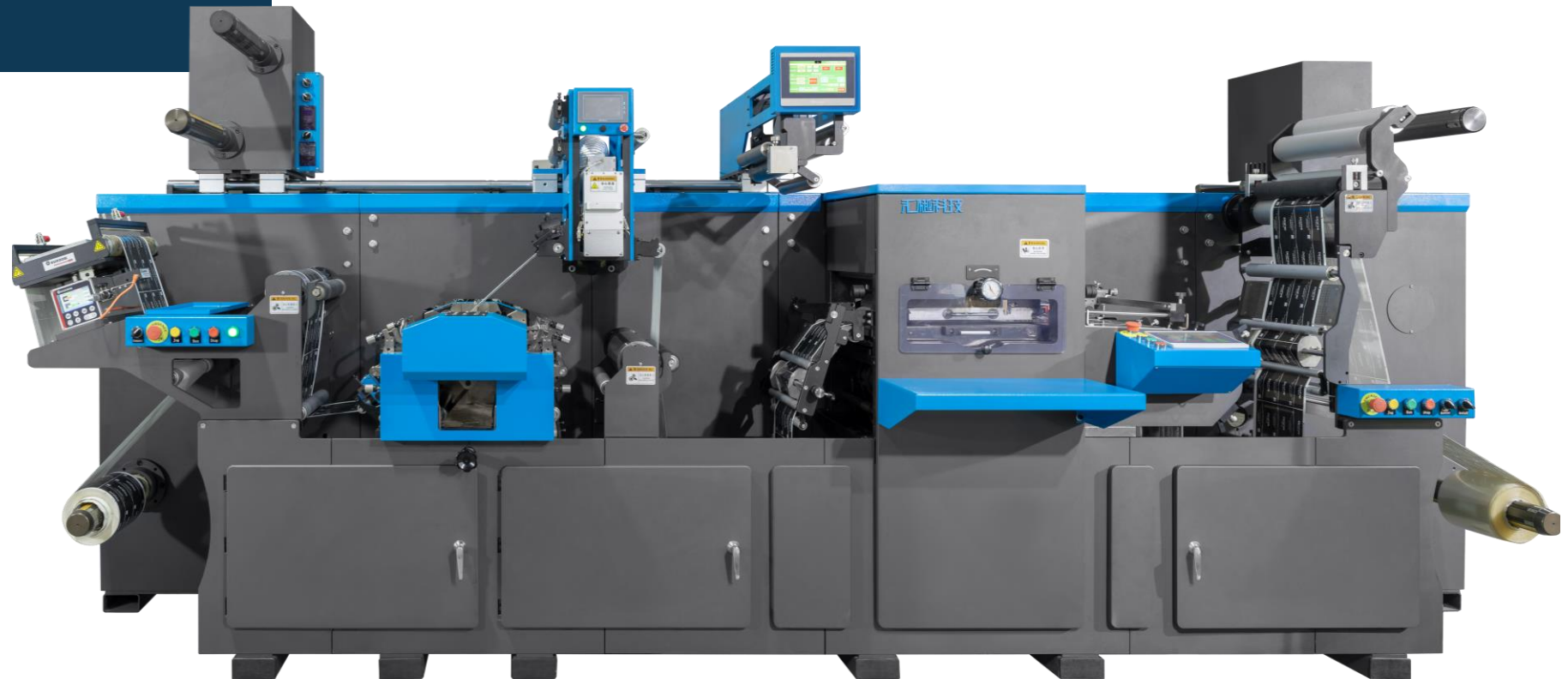
# FD350 –S LABEL FINISHING CONVERTER

## Specification:

- Maximum Web Width: 350mm/13.7"
- Maximum Web Diameter : 800mm/31.5"
- Maximum Web Speed: 75meters/minute
- Die cut Working Area: 330mmx370mm
- Maximum printing length : 140T (444.5MM)
- Main Machine size: 4500mm(L)X1300mm(W)X1800mm(H)
- Weight: 3000KG
- Power source : 3phases 380V/ 20KW

## Typical application:

- Pre-printing application: can assist digital and other printing methods, to process such as: pre-white, pre-cold foil, prime coating, and other pre-press processing
- After printing application: 1 colors register printing, cold foil, laminating/wet laminating, spot varnish, glue killing/back side printing, die cutting, and other solution.



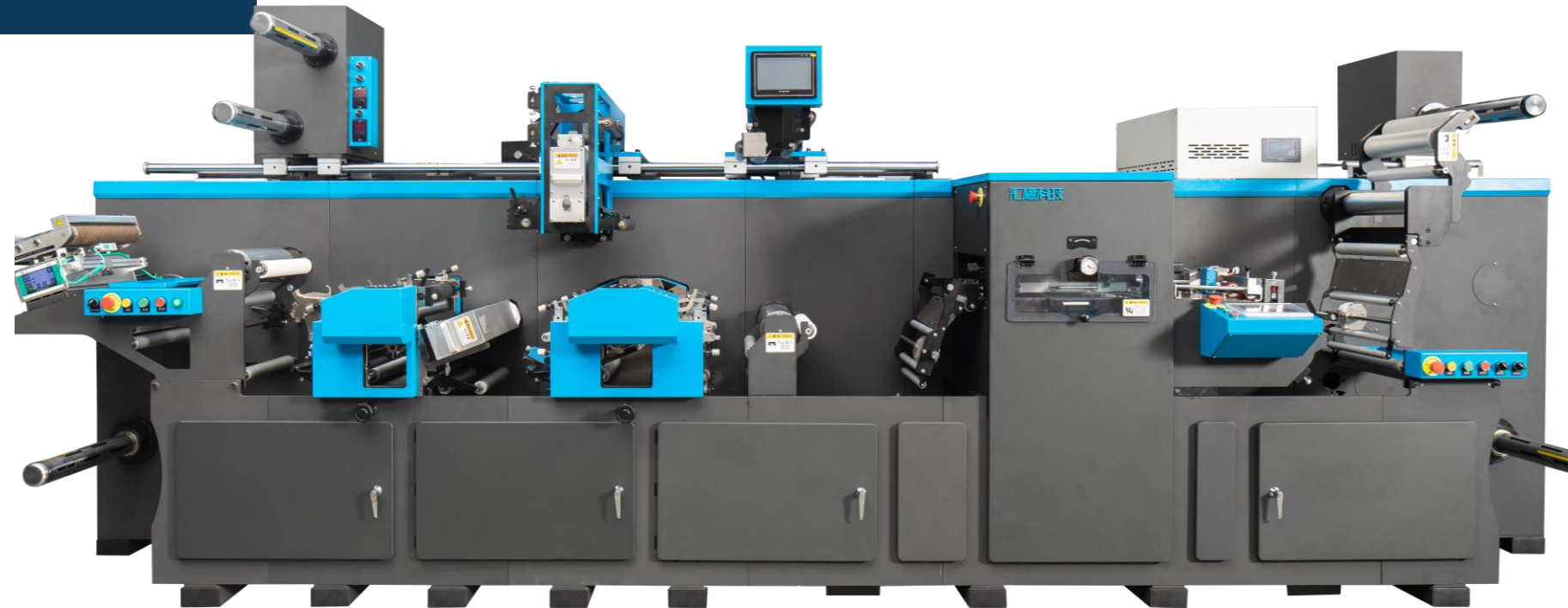
# FD350 –ES LABEL FINISHING CONVERTER

## Specification:

- Maximum Web Width: 350mm/13.7"
- Maximum Web Diameter : 800mm/31.5"
- Maximum Web Speed: 75meters/minute
- Working Area: 330mmx330mm
- Maximum printing length : 140T (444.5MM)
- Main Machine size: 5250mm(L)X1300mm(W)X1800mm(H)
- Weight: 3000KG
- Power source : 3phases 380V/ 30KW

## Typical application:

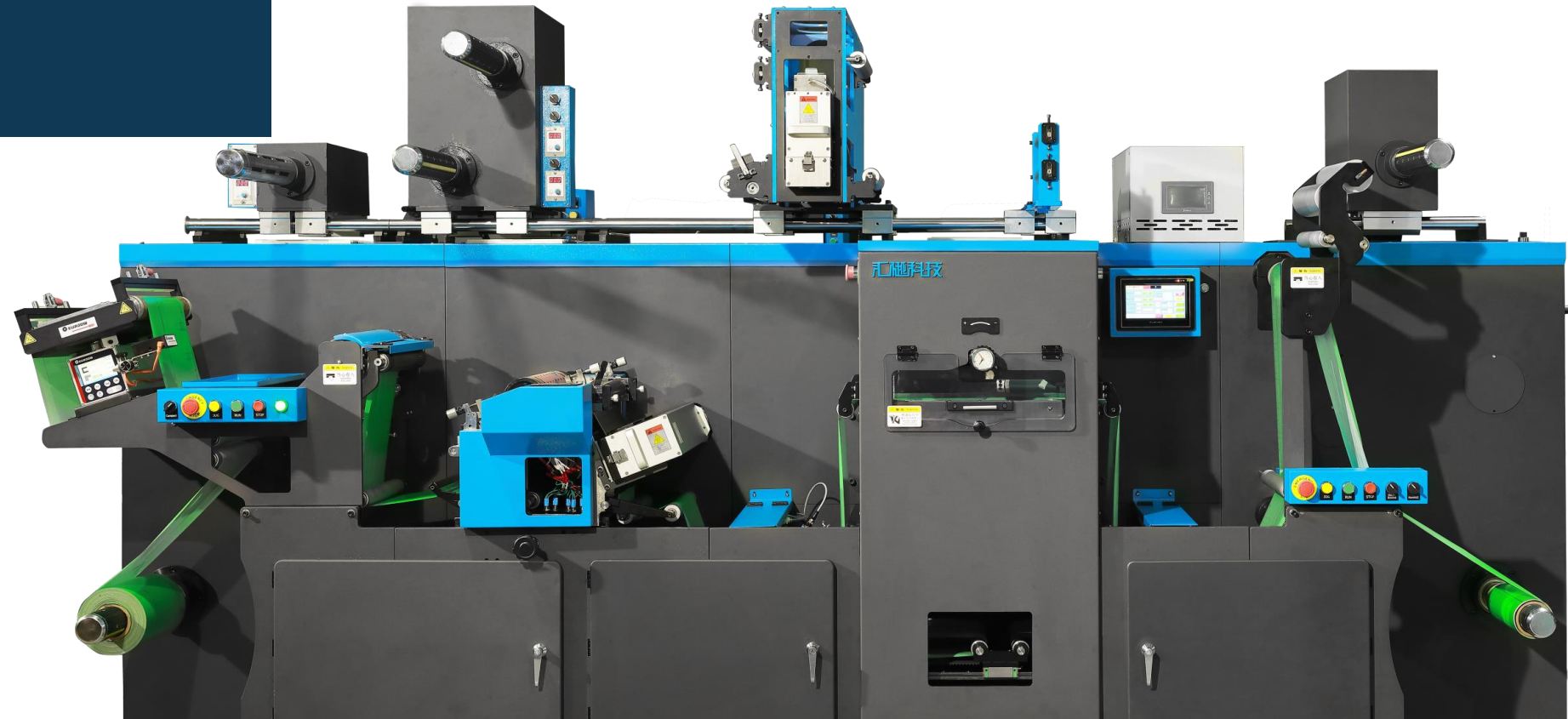
- Pre-printing application: can assist digital and other printing methods, to process such as: pre-white, pre-cold foil, prime coating, and other pre-press processing
- After printing application: 2 colors register printing, cold foil, laminating/wet laminating, spot varnish, glue killing/back side printing, die cutting, and other solution.



# FDA350 –E LABEL FINISHING CONVERTER

## Specification:

- Maximum Web Width: 350mm/13.7"
- Maximum Web Diameter : 800mm/31.5"
- Maximum Web Speed: 75meters/minute
- Die cut Working Area: 330mmx370mm
- Maximum printing length : 140T (444.5MM)
- Main Machine size: 3800mm(L)X1300mm(W)X1800mm(H)
- Weight: 3000KG
- Power source : 3phases 380V/ 20KW



## Typical application:

- Pre-printing application: can assist digital and other printing methods, to process such as: pre-white, pre-cold foil, prime coating, and other pre-press processing
- After printing application: register printing, cold foil, laminating/wet laminating, spot varnish, die cutting and other solution.



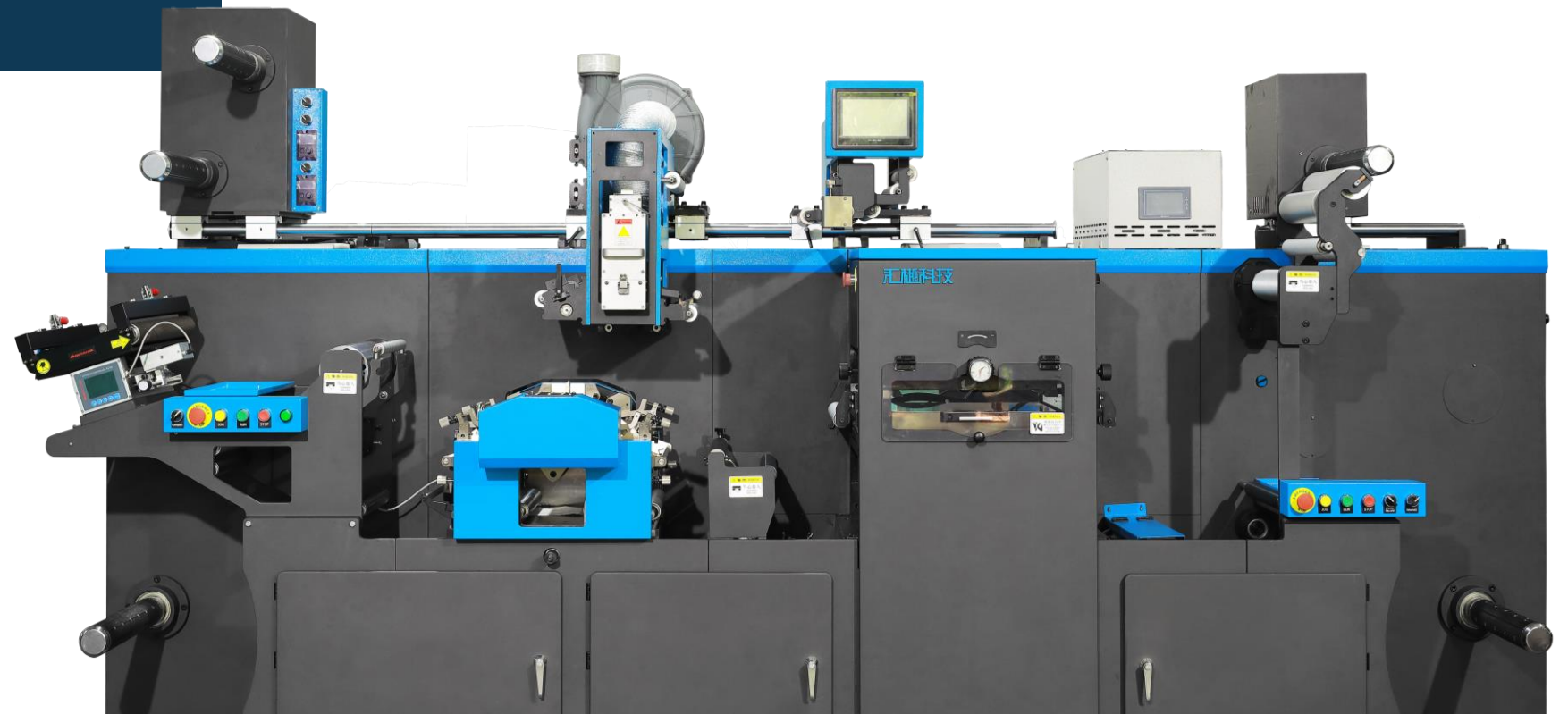
# FDA350 –S LABEL FINISHING CONVERTER

## Specification:

- Maximum Web Width: 350mm/13.7"
- Maximum Web Diameter : 800mm/31.5"
- Maximum Web Speed: 75meters/minute
- Die cut Working Area: 330mmx370mm
- Maximum printing length : 140T (444.5MM)
- Main Machine size: 3800mm(L)X1300mm(W)X1800mm(H)
- Weight: 3000KG
- Power source : 3phases 380V/ 20KW

## Typical application:

- Pre-printing application: can assist digital and other printing methods, to process such as: pre-white, pre-cold foil, prime coating, and other pre-press processing
- After printing application: 1 colors register printing, cold foil, laminating/wet laminating, spot varnish, glue killing/back side printing, die cutting, and other solution.



# FDA350 –E S LABEL FINISHING CONVERTER

## Specifications:

- Maximum Web Width: 350mm/13.7"
- Maximum Web Diameter : 800mm/31.5"
- Maximum Web Speed: 75meters/minute
- Working Area: 330mmx330mm
- Maximum printing length : 140T (444.5MM)
- Main Machine size: 4600mm(L)X1300mm(W)X1800mm(H)
- Weight: 3000KG
- Power source : 3phases 380V/ 30KW

## Typical application:

Pre-printing application: can assist digital and other printing methods, to process such as: pre-white, pre-cold foil, prime coating, and other pre-press processing

After printing application: 2 colors register printing, cold foil, laminating/wet laminating, spot varnish, glue killing/back side printing, die cutting, and other solution.



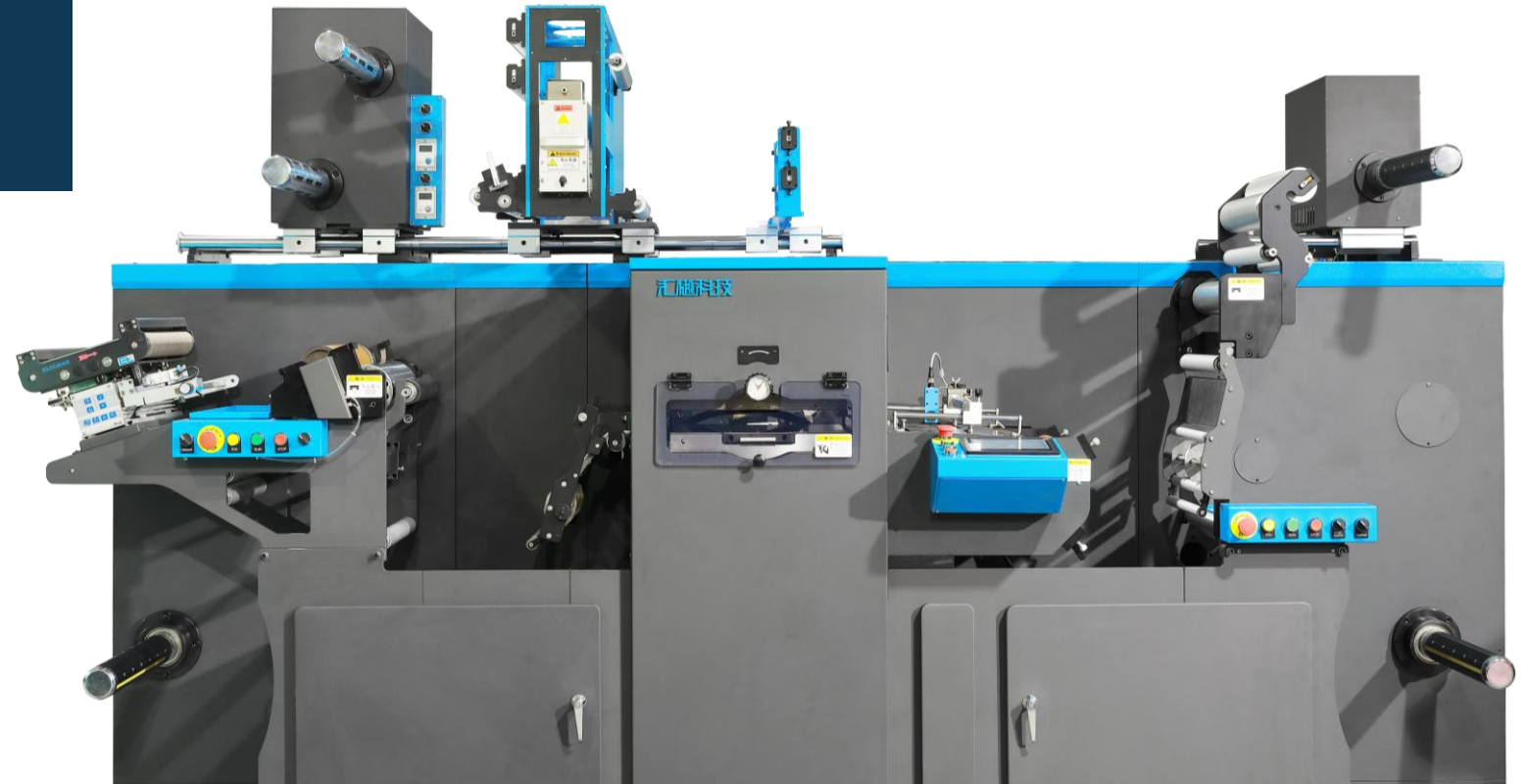
# FD350 –P LABEL FINISHING CONVERTER

## Specification

- Maximum Web Width: 350mm/13.7”
- Maximum Web Diameter: 800mm/31.5”
- Maximum Web Speed: 75meters/minute
- Working Area: 330mmx330mm
- Maximum printing length: 80-100T (254-317.5MM)
- Main Machine size: 3500mm(L) X1300mm(W) X2000mm(H)
- Weight: 2800KG
- Power source: 3 phases 380V 20KW

## Typical application:

- Single color printing without registration, prime coating, varnish, lamination/wet lamination, die cutting and other solution





# FRD350 –3FH LABEL FINISHING CONVERTER

## Specification:

- Maximum Web Width: 350mm/13.7"
- Maximum Web Diameter 800mm/31.5"
- Maximum Web Speed: 100meters/minute
- Effective working width: 340MM
- Electrical Voltage: Req. Voltage (380V standard)  $\pm 10\%$ , 3-phases, Neutral, Ground

3 color register printing, cold foil, hot stamping,  
flat bed die cutting and rotary die cutting



# SH350 SHEET CUTTER



## Specification:

- Maximum Web Width: 350mm/13.7"
- Maximum Web Diameter 800mm/31.5"
- Maximum Web Speed: 60meters/minute
- Effective working width: 340MM
- Electrical Voltage: Req. Voltage (380V standard)  $\pm 10\%$ , 3-phases, Neutral, Ground





**DIGIFINI TEAM**



# DiGiFiNi

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