

# DIG-330-PLUS-3 | SPOT VARNISH AND DIE CUTTING



*Specifically designed for finishing of ultra short digitally printed rolls of label stock with multiple jobs on one roll. Digital die-cutting without compromising on the look and feel of a traditional die-cut. No die-cut tooling required. Suitable to finish digitally printed rolls with multiple ultra short run jobs with minimum waste. QR code reader included, prepared for JDF integration.*



DIG-330-PLUS-3	AVAILABLE WIDTH: 330 MM
Max Web Width	330 mm
Max unwind dia.	800 mm (≈2000 m)
Unwind mandrel dia	76 mm (3") air expanding
Corona treatment	Optional with 6 Corona bars. Control unit mounted inside the machine.
UV curing	Optional Standard UV curing or LED curing. Control unit mounted inside the machine LED water chiller must be positioned outside the machine cabinet
Number of plotter heads	Standard 2 rows of 3 heads. Optionally 4 extra heads
Knife type	Rhyguan Standard 360° Safe and easy to change plotting needles
Max die-cutting speed	8 m/min
Max Die-cutting size	310 × 310 mm
Accuracy die-cut register	Pressure sensitive material ±0.18 mm
Max rewinder diameter	Standard single rewind 700mm, optional dual rewind
Inspection	Optionally add inline camera inspection station after die-cutting and waste matrix removal, including additional splice stable. Suitable for all major brands inspection camera
Minimum suitable mandrel	1" (optional)
Maximum suitable mandrel	76 mm (3") with optional sleeves max 150 mm (6")
QR code reader	included
Automatic slitting	Standard 6 knives included. Maximum 12.
Automatic shear slitting accuracy	±0.20 mm
Optional JDF / JMF connectivity	Available with integrated network card
Dimension (mm)	3650 × 1850 × 1800 mm
Weight	3000 KG

**UNWINDER & WEB GUIDING**  
Servo driven unwind for clock wise and anti-clock wise unwinding. Automatic tension control, end-of-roll detection, webguide, integrated splice table, 76mm unwind mandrel. Factory upgrade to unwind rolls with dia = 1000mm and a reel lift possible.

**FULL ROTARY FLEXPRESS PRINTING**  
Independent servo driven full rotary flexo printing unit for full rotary flood varnish. Standard equipped with a varnish roller. Optional chill drum, standard or LED curing.

**QR code reader included**

**LAMINATION AND SUPER VARNISH**  
Optional Lamination or Super varnish, in combination with standard or LED curing.

**SLITTING OPTIONS**  
Standard equipped with automatic slitting unit that can be set-up manually or automatically via a QR code and/or JDF.

**Productive Solution For Ultra Short Runs**

**DIGITAL DIE-CUTTING**  
Dual head digital Die-cutting unit, based on two plotter arrays with needle-like knives that maintains the look and feel of a traditional die-cut. Suitable for wide range of label stock material. Maximum die-cut frame length. Manual or Automatic registration and automatic set-up using QR code and/or JDF.

**REWINDING OPTIONS**  
Standard with one single rewind. Optional Dual rewind and camera inspection module can be included.

\* May vary depending on selected options&configurations