



# GM DC330 Label Converter



## Single unit in-line or off-line converting for digital workflows

As digital label printing continues to grow, label-printing houses are realising the need for all-inclusive digital printing systems that provide value-added features for producing fully finished labels. The DC330 from Grafisk Maskinfabrik (GM) offers the ideal solution. A complete converting and finishing unit, this product was specially created for use with digital printing presses.

The DC330 can be set up as an in-line extension to a digital label printing system, allowing the web to continue directly into the converter from the digital press. It can also be used as an off-line converting and finishing unit for jobs from other digital presses or conventional presses. It can even function as a printing press for specialized value-added solutions.

- **Modular platform for added flexibility**  
Customisable to fit your needs, depending upon the specific application
- **Precision cutting to reduce waste**  
Print-to-cut registration in just one rotation no station; no station movement or mechanical setup required; semi and full-rotary die cutting
- **Speed and versatility**  
Adjustable repeat lengths from 2" - 21"; line speeds up to 50 meters per minute
- **Varnish finishing options**  
UV flexo varnish station with registration; SUPERgloss varnish capabilities
- **Servo-driven web tension control**  
Ensures accurate processing over a wide range of substrates
- **Fully customizable and upgra deable**  
Multiple options available to customize your system
- **Easy web access and maintenance**  
Cantilevered design

The GM DC330 integrates the most advanced converting and finishing techniques available today. When used together with the a digital label press, this innovative unit gives professional label printers a complete and versatile solution for high-volume digital printing.

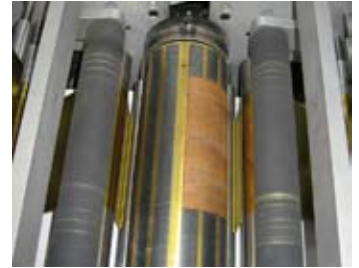
- "Converting made easy"

## Options

- Buffer for 3 minutes of operation (48 meters of storage)
- RL14 roll lifter
- Lamination station
- Spot varnish (Servo registration system for spot varnish / glue / cold foil including roller)
- Sleeve 10" – 19" for Flexo station
- Splice table
- Back scoring module (easy waste matrix pickup)
- Waste compression roller
- Extra rewind spindle
- Ink pump
- Hot air dryer (11.6 KW)
- External 1000mm / 200kg jumbo unwind
- Shear knife station with 3 knives (replaces crush knife station)
- Extra Flexo varnish with UV system
- Extra full-rotary die station (for die cut or embossing)
- Extra semi-rotary die station (for die cut or embossing)
- Semi-rotary hot foil station with foil saver / oil heater / independent station (GS-GabMaster)
- 25" die instead of the standard 15" die
- Corona treater
- GabMaster PLUS
- Conveyer system for sheet die cutting
- Small external conveyer
- Stacker for conveyer
- Stork RSI silk screen with register system. (This includes a GEW UV lamp)
- Sheet output module
- Stacker
- Extra die station



The **flexographic printing station** can run as a full flood varnish station or a spot varnish in register to pre-printed web.



The optional semi-rotary hot foil station provides high quality gold, silver or hologram printing.



Combined UV / self-adhesive **lamination** and **super-gloss** station.



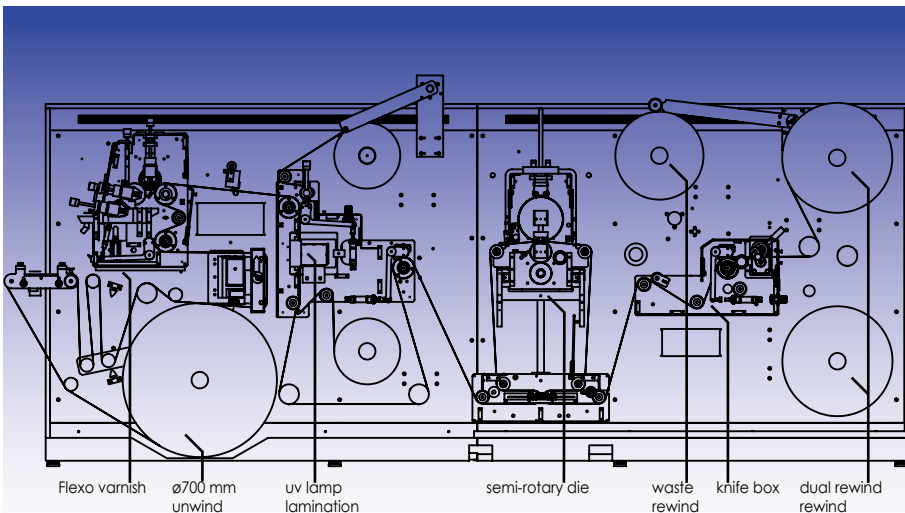
Digital presses cannot print gold-silver. **Cold foil** can apply the effects by glueing a metallic foil onto the web.



The **semi-rotary die cutting** unit accurately cuts the pre-printed web with a register system that reacts and compensates for misprints.



The **slitting station** can use either a shear (rotary), razor or crush knife.



## Specifications

(metric / imperial)

Web width	200 mm - 330 mm	8" - 13"
Substrate thickness	20 µm - 200 µm	0.8-8 points
<b>Die Station</b>		
Speed in digital mode	50 m/min	150 feet/min
Speed in analog mode	72 m/min	237 feet/min
Die plate size	50.8 mm - 520.7 mm	2" - 20.5"
<b>Rewinder/Unwinders</b>		
Reel diameter on internal unwind max.	700 mm	27.5"
Single or dual shaft rewind max.	500 mm	19.5"
Core diameter	76.2 mm or 152.4 mm	3" or 6"
<b>Flexo Station</b>		
Varnishing roller	Ø228 - 406 mm	9" - 19"
Spot varnish option with registration and slow run.		
<b>Slitting Station</b>		
Knife type	Pneumatic crush, shear or razor knife	
Minimum distance crush	12 mm	0,50"
Minimum distance shear	10 mm	0,40"