

## The DC330 Converter has been designed and built to optimize label production

### Makes your digital printing complete

Digital label presses are not designed to handle the finishing and converting processes that are required for most label solutions. If you're already in the digital label business, you've probably discovered that producing a fully finished product often involves switching between different printing units. The value-added processes you need to complete your solution are probably completed off-line on independent converters – a need that contradicts the efficiencies that digital printing is designed to improve.

The DC330 Converter has been designed and built to produce complete digital label solutions. Now you can perform all of the converting and finishing processes you require within a single, integrated printing system.

### The DC330 Converter offers key advantages by integrating the most advanced converting and finishing technologies available today:

- Outstanding versatility thanks to a standard platform that can be customised with the exact applications you need
- Maximum flexibility through the ability to handle 50.8–520 mm repeat lengths

- Optimal efficiency is delivered by shaftless servo-technology
- Excellent usability and very fast job changes are assured by the highly accessible, open design.

### DC330 Converter is ready to integrate several finishing and converting processes into your digital label printing environment, including:

- UV-flexo varnish
- Lamination
- Super varnish
- Cold foil and hot foil
- Rotary die-cutting (conventional rotary or digital semi-rotary)
- Matrix removal and slitting
- Dual rewinding
- Sheeting
- Hot air drying for priming or coating

### A total digital label printing solution

Together with digital printing providers, Grafisk Maskinfabrik offers a complete solution for digital label production. The DC330 Converter has been successfully integrated into the latest digital printing solutions from the world's leading developers of digital printing technologies. Available now, this combined solution allows you to produce fully finished labels in-line on the same printing unit.

### SPECIFICATIONS / mm (feet/inches)

Compleat servo driven line with tension control.  
Web Width 200 mm – 330 mm (8"– 13")  
Substrate Thickness 20 µ – 200 µ

#### Die Station

Speed in digital mode 32m/min (105 feet/min)  
Speed in analog mode 72m/min (237 feet/min)  
Die plate size 50.8mm - 520.7mm (2"-20.5")  
Distortion - can use plates from old full rotary cylinders.

#### Rewinder/Unwinders

Reel Diameter on internal unwind max. 600 mm (24")  
Single or dual shaft rewind max. 450 mm (18")  
Core diameter 76.2 mm (3") or 152.4 mm (6")  
Integrated Web Guide

#### Flexo Station

9" to 19" varnishing roller accepted.  
Spot varnish option with registration and slow run  
Max. printing width 310 mm (12.2") in UV station  
Cold UV curing system 5 kW

#### Lamination station

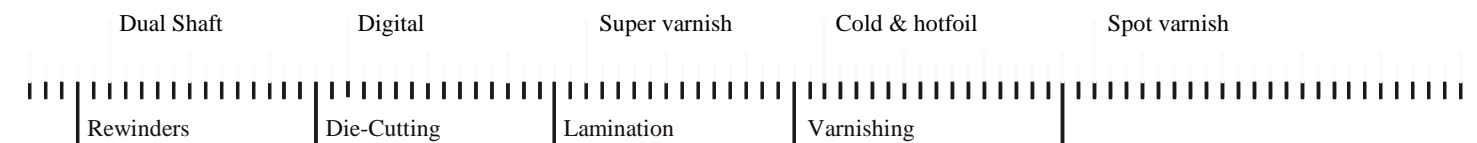
Super varnish  
Cold foil  
Width max. 330 mm (13")  
Unwind/rewind roll diameter max. 400 mm (16")

#### Slitting station

Waste matrix removal  
Slitting system with 3 knives included  
Pneumatic crush knife or male/female shear-cutting knife

#### Options

Hot air drying 6 kW  
Digital Hot foil system with foil saver  
External sheeting (ETV330)  
Video inspection  
Waste suction unit



## The DC330 Converter

### In-line or off-line converting in a single unit

As digital label printing becomes increasingly widespread, label printing houses are realising the need for all-in-one digital printing systems that provide fully finished, value-added label solutions.

Grafisk Maskinfabrik answers this need with the DC330 – a complete converting and finishing unit created especially for use with digital label printing presses.

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

### The power of digital printing

Without a doubt, digital label printing offers many advantages – such as fast turnaround, higher quality print and the ability to handle “just-in-time” and on-demand printing. More and more printing houses are discovering that digital printing allows them to meet the demands for shorter runs, reduced stock numbers, special colours and extra security features. What's more, digital printing is helping to increase the efficiencies of supply chains and is the key to the widespread move towards an “all digital workflow”.

### Grafisk Maskinfabrik A/S

Bregnerødvej 92, DK-3460 Birkerød, Denmark  
Phone: +45 45 81 23 00 Fax: +45 45 81 99 56  
Internet: [www.gm.dk](http://www.gm.dk) e-mail: [gm@gm.dk](mailto:gm@gm.dk)

