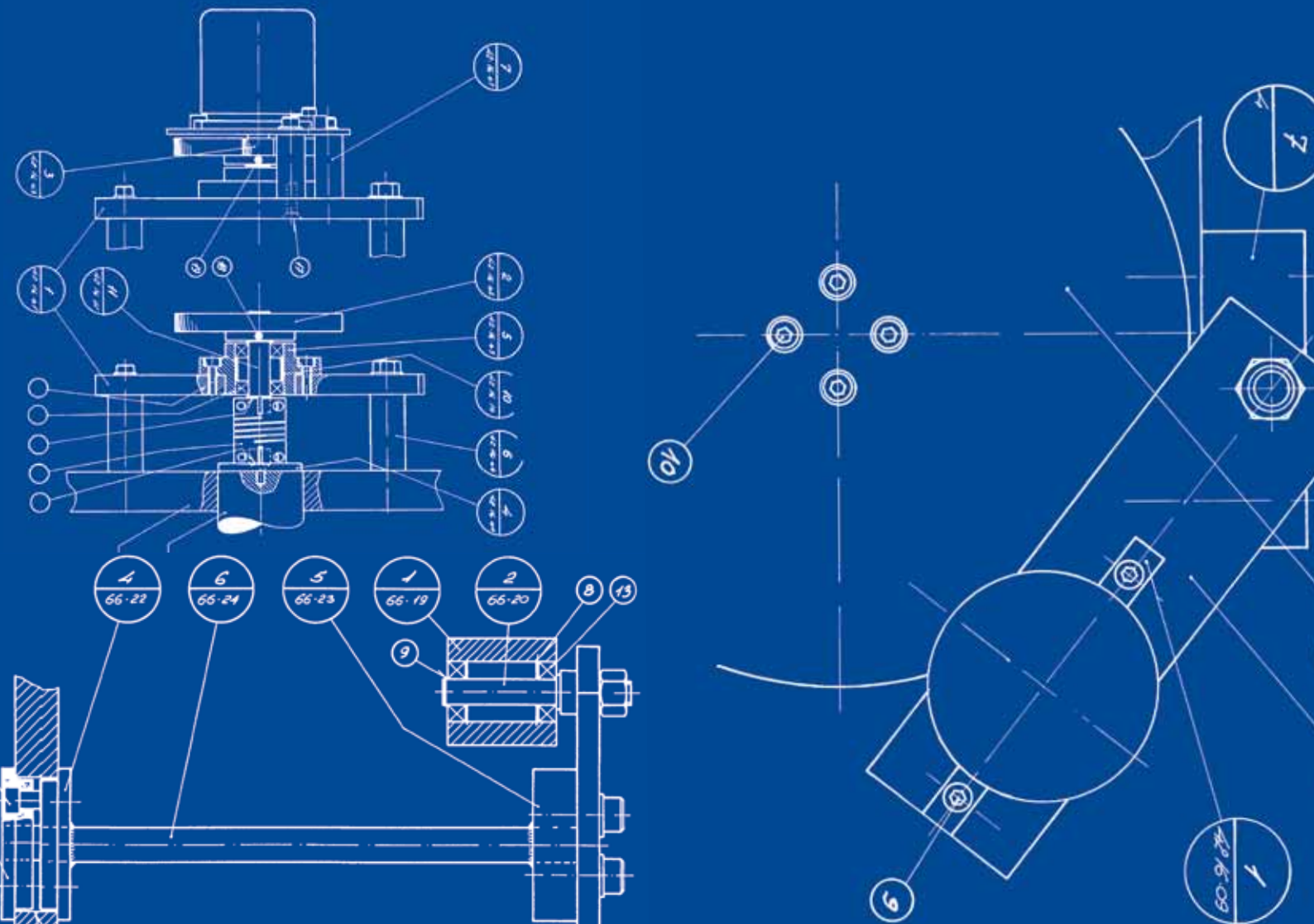
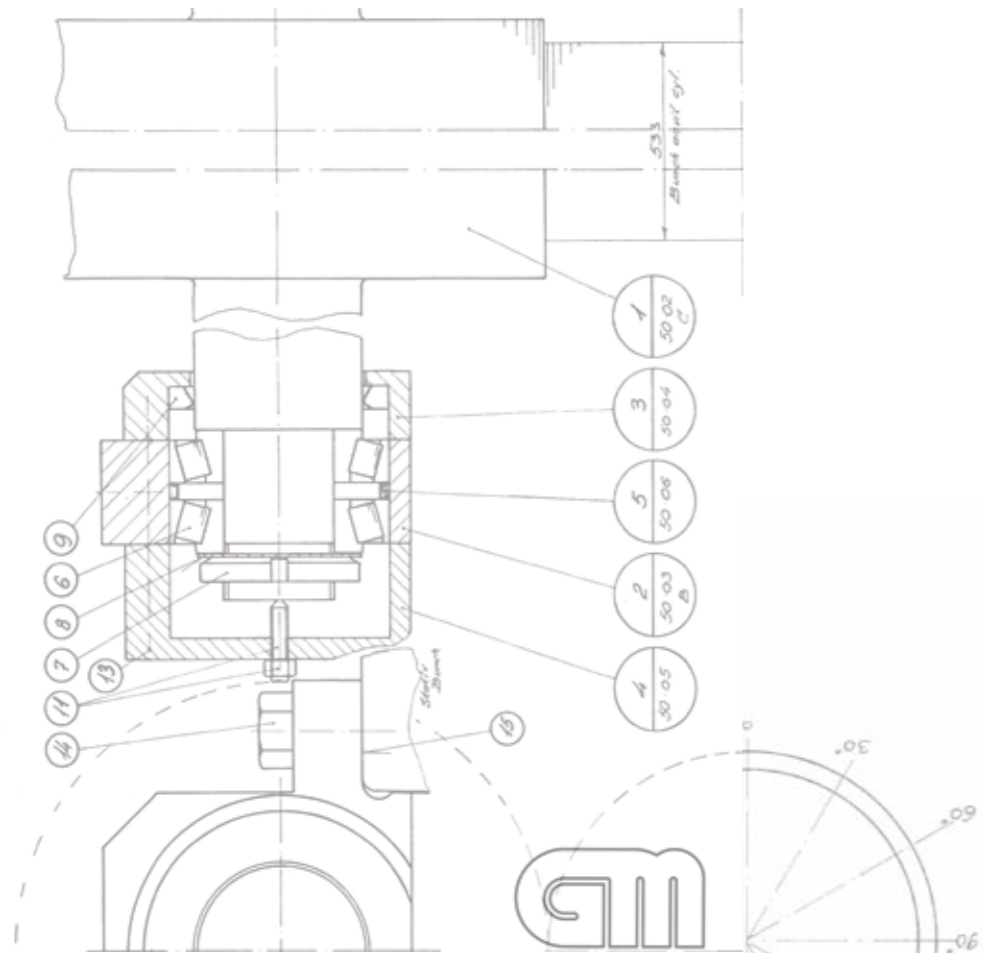




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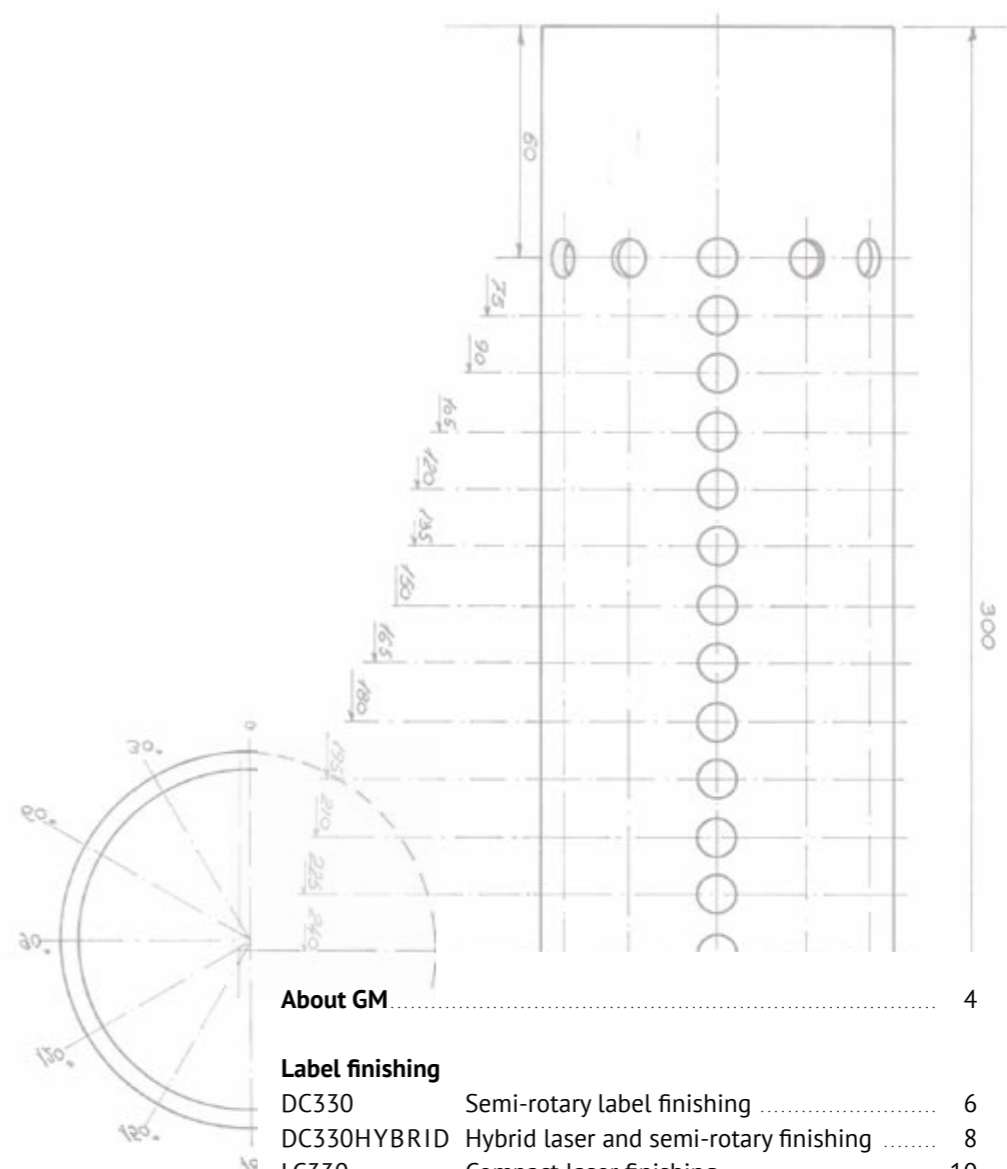
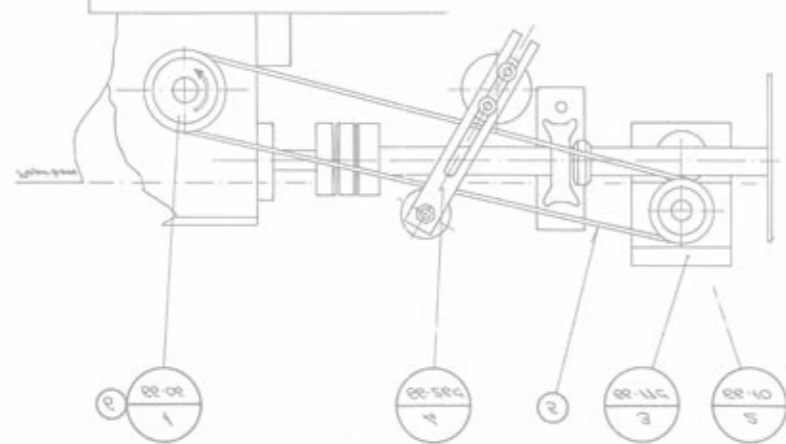
Converting made easy





Grafisk Maskinfabrik, commonly known as GM, has provided converting solutions for the label industry for four decades. GM is a family-owned company, building on the traditional values of Danish design and solid craftsmanship with a backbone of 40 years of experience in providing solutions for customers in the label industry worldwide. The company is firmly grounded by knowledge and insight of the graphic business and continuously works towards the goal of "Making Converting Easy".

Even though GM is a global player on the labelling market with agents worldwide and offices in Denmark, Italy, US and Chile, all machines are developed, designed, produced and assembled in the small town of Birkerød just outside Copenhagen. The core product and flagship of the company is the DC330, a converting line that comes in three sizes with a vast number of options and can run either inline or offline with your press of choice.



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Label finishing

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Profit from 40 years of experience



Through 40 years in the graphic industry, GM has gained a solid experience in finishing. We were first in the market to show new innovative solutions like inline finishing, ultra-compact finishing and finishing for new markets like flexible printed solar-cells. 40 years ago, GM's humble beginnings were based on traditional blueprints – today our entire range of machines is designed in full 3D using Solid Works CAD software. To achieve maximum performance, we simulate complex processes such as high-precision hot stamping using the latest in computer software. This combination of experience and innovative technology makes GM your unique innovative partner in

the world of finishing. In this brochure, you will find of our latest designs. Our standard products cover 2/3 of the production range. The remaining 1/3 is custom work. If you can dream up a machine that no one has ever made - think GM, and please do contact us for an open talk on how your ideas could come to life using our equipment.

Best regards
Uffe Nielsen, CEO
GM

GRAFISK MASKINFABRIK A/S
Grusgraven 8 · 2880 Bagsvaerd
Tel. 02-44 36 00 · Giro 4 22 55 70

Green	MR 2100	1,25	
Blue	10.2.88.		
Red	J.P.		66-27B

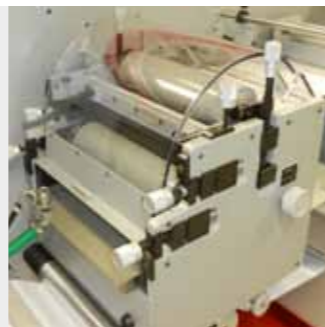


DC330

Semi-rotary label finishing



Automatic knife box. Set all knives in 30 seconds.



Flexo varnish for float, spot and cold foil.



Laser die cut option. Die-less operation.



Graphical touch screen in several languages.

GM's DC series has been in the market for the past 15 years. All DC's are prepared for both offline and inline operation with a digital press. The inline interface includes remote start, stop and pause of the digital press from the DC's touch screen. The lines come with a number of

options; laser die cutting, hot and cold stamping, screen printing, automatic knife box, 100% inspection, web-to-sheet mode (conveyers) and more. As standard, the machine operates in blank label mode, full rotary mode, semi-rotary mode and re-register mode for digital finishing.

SPECIFICATIONS:

Web width:	200 mm - 330 mm (8" - 13")
Substrate thickness:	20 µm - 200 µm (0.8-8 points)
Die Station:	
Speed in digital mode:	50 m/min (150 feet/min)
Speed in analogue mode:	72 m/min (237 feet/min)
Die plate size:	50.8 mm - 520,7 mm (2" - 20.5")
Rewinder/Unwinders:	
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")
Laser die:	
Power:	100,250 or 400 Watt
Laser type:	Single head pulsed CO2
Laser spot size:	350 µm
Flexo Station:	
Cylinder size:	228 mm - 406 mm (9" - 19")
Spot varnish option with registration and slow run.	
Slitting Station:	
Knife type:	Pneumatic crush, shear or razor knife
Minimum distance crush:	12 mm (0,50")
Minimum distance shear:	10 mm (0,40")
Power:	3x400v+P+N. 32 Amps
Size:	4.0 x 1.3 x 1.7 (WxDxH)



DC330HYBRID

Hybrid laser and semi-rotary finishing



Barcode reader - scan die cutting file.



Online internet support.



User friendly Windows software for job design.



Built-in conventional for full substrate compatibility.

The DC330HYBRID is the perfect solution for digitally printed webs. Simply download the file from the pre-press department and the laser module is ready. It fits an optional barcode reader for faster re-load of existing jobs. The laser module is an independent module that can be retrofitted into any DC330. The laser power ranges

from 100-400Watt (200-1000Watt peak). The standard DC330HYBRID configuration has flexo varnish, lamination, slitting and dual rewinding built in. The DC330HYBRID can be combined with GM's automatic knife system for digital production.

SPECIFICATIONS:

Web width:	200 mm - 330 mm (8" - 13")
Substrate thickness:	20 µm - 200 µm (0.8-8 points)
Die Station:	
Speed in digital mode:	50 m/min (150 feet/min)
Speed in analogue mode:	72 m/min (237 feet/min)
Die plate size:	50.8 mm - 520,7 mm (2" - 20.5")
Rewinder/Unwinders:	
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")
Laser die:	
Power:	100,250 or 400 Watt
Laser type:	Single head pulsed CO2
Laser spot size:	350um
Flexo Station:	
Cylinder size:	228 mm - 406 mm (9" - 19")
Spot varnish option with registration and slow run.	
Slitting Station:	
Knife type:	Pneumatic crush, shear or razor knife
Minimum distance crush:	12 mm (0,50")
Minimum distance shear:	10 mm (0,40")
Power:	3x400v +P+N. 64 Amps
Size:	5.0 x 2.4 x 1.7 (WxDxH)



LC330

Compact laser finishing



Barcode reader for easy job re-load.



High precision German mirror system.



Easy to use Windows software.



Online support for job set-up and trouble shooting.

The LC330 is a compact, economic and fully digital laser finishing machine. Simply download the file from the pre-press department and the laser module is ready. The system can be fitted with an optional barcode reader for faster re-load of existing jobs. The laser power ranges from

100-400 Watt (400-1000 Watt peak). It is possible to cut with different power levels on the same label. The standard LC330 has laser die, slitting and dual rewind. The unit is prepared for flexo varnish, spot varnish, lamination, cold foil and automatic knife box.

SPECIFICATIONS:

Web width:	200 mm-330 mm
Substrate:	80-200 gsm
Speed:	Up to 72m/min. Depending on laser type/cut pattern
Max unwind diameter:	Ø700 m
Max rewind diameter:	Ø450 mm / Optional Ø600 mm
Lamination/cold foil unwind diameter:	Ø400 mm
Rewind type:	Dual. Stepless tension
Laser power:	100, 250 or 400
Laser dot size:	350 um
Flexo cliché range:	10"-19"
UV system:	GEW air cooled
Knife box:	Shear, Crush or Razor
Shaft sizes:	76 mm (3")
Weight:	1700 kg
Dimensions:	3,3 m x 1,7 m x 2,4 m (WxHxD)
Power:	400V, 3 phase, 32a



DC500

Wide web semi-rotary finishing



Heavy die cutter: Heavy semi-rotary die cutter for 330 and 500 mm web.



Inline module: Buffer module for inline non stop production.



Hot foil and cold foil: Hot and cold foil support for spectacular labels.



Conveyor: Drop-in conveyor for sheet or free-shape production runs.

The DC500 offers maximum flexibility with fast and easy job changes between 330 mm and 500 mm web. The DC500 converting line has one distinct feature that makes it special: It runs web widths ranging from 515 mm down to 100 mm. In addition to this, the modular set-up of the DC500 makes it easy to add sections like e.g. the hot foil.

So when investing in a new line, instead of having to guess about future needs – just prepare for it with the DC500. As your print-jobs change, your finishing line should not have to. The DC500 gives you huge flexibility on web sizes. The DC500 is a long-term investment for your current and future needs.

SPECIFICATIONS:

Web width	200 mm - 500 mm (8" - 20")
Substrate thickness	20 µm - 200 µm (0.8-8 points)
Die Station:	
Speed in digital mode	32 m/min (105 feet/min)
Speed in analogue mode	72 m/min (237 feet/min)
Die plate size	50.8 mm - 571.5 mm (2" - 22.5")
Rewinder/Unwinders:	
Reel diameter on internal unwind	Max. 700 mm (27.5")
Single or dual shaft rewind	Max. 500 (mm 19.5")
Flexo Station:	
Varnishing roller	Ø228 - 406 mm (9" - 19")
Spot varnish option with registration and slow run.	
Core diameter	76.2 mm or 152.4 mm (3" or 6")
Slitting Station:	
Knife type	Pneumatic crush, shear or razor knife
Minimum distance crush	12 mm (0,50")
Minimum distance shear	10 mm (0,40")
Power:	3 x 400v+P+N. 64 Amps
Size:	5.0 x 1.3 x 1.7 (WxDxH)



XP500

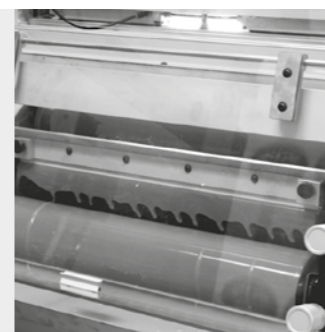
Cardboard finishing



The XP500 support dual-side varnish and lamination.



Buffer for inline non-stop operation.



Spot varnish. UV- or water-based.



Conveyor for single-shaped delivery.

The XP500 line is designed to varnish (flood, UV and spot), laminate and sheet or die cut a 500 mm wide web on both sides in one process. It integrates with your digital press and forms a full production line for post cards, brochures and many other products. Your end product lands on a

conveyor or can be packed in boxes at the end of the line. Designed for postcards, tags, pocket folders and flyers the flexible magnetic die cutter offers many possibilities. As standard the line comes with a sling stacking system but more advanced stacking systems as be added.

SPECIFICATIONS:

Web width:	500 mm
Substrate:	80-500 gsm
Speed:	72 m/min
Die cut repeat range:	2"-20"
Max unwind diameter:	Ø1200 m
Output to:	Conveyer/stacker
Lamination unwind diameter:	Ø400 mm
Flexo cliché range:	10"-19" (Dual side)
Knife box:	Shear, Crush or Razor
Shaft sizes:	76 mm (3")
UV system:	GEW Air cooled
Weight:	3500 kg
Dimensions:	2.2 m x 1,5 m x 1,7 m (WxHxD)
Power:	400 V, 3 phase, 32 a



DC330FB

Combination print finishing



Detailed combination label with screen and hot foil.



Easy change system for hot state plate swap.



Flat bed screen unit with pneumatic frame lock.



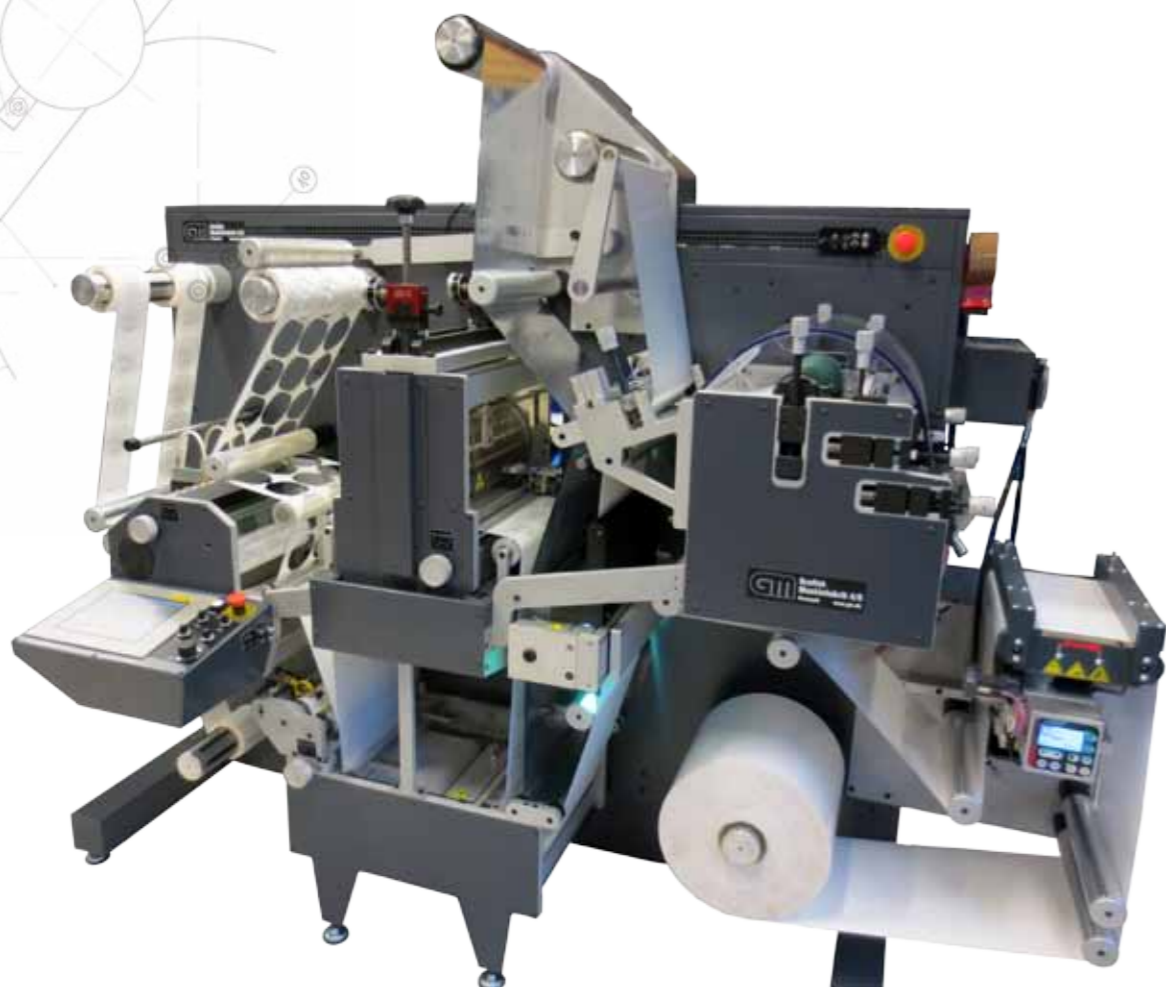
Flexo unit for flood varnish or cold foil.

The DC330FB is designed for the high quality combination printing required in wine and spirits labels. The powerful combination of semi-rotary die cutting, flatbed screen-printing and hot foil stamping makes even complex labels easy to run. The tooling cost is very low and most tools

can be made locally or in-house. Existing tooling for older flatbed equipment can be reused. If you disable the flatbed units, the line can produce normal industrial labels with flexo, lamination, cold foiling and semi-rotary die cutting at up to 45m/min.

SPECIFICATIONS:

Web width	50-330 mm
Substrate range:	60-200 gsm
Speed:	45m/min
Die plate range:	2"-20"
Unwind size:	3" core/Ø600 mm
Rewind size:	3" core/Ø500 mm
Flexo repeat range:	10-19"
Stamp plate size:	330x304.8 mm
Screen frame size:	660x500 mm
Size:	7x1.6x1.6 m (WxHxD)
Power:	3x400V 64 Amps
Exhaust:	800 m ³ /h



DC330MINI

Compact full feature converting

Provides UV flexo varnish, die cutting, slit and rewind on one single compact platform. The drive train in the DC330 series of machines is completely servo driven offering low maintenance, stepless tension control and good registration. Minimum waste die dials in within one rotation. No station movement or mechanical setup needed and lastly graphical touch screen which shows the machine configuration, spindle directions and web-up.



Cold foil labels.



DC330MINI inline with digital press.

SPECIFICATIONS:

Web width:	200 mm-330 mm
Substrate:	80-200 gsm
Speed:	45 m/min
Die cut repeat range:	2"-20"
Max unwind diameter:	Ø700 mm
Max rewind diameter:	Ø450 mm/Optional Ø600mm
Lamination unwind diameter:	Ø400 mm
Rewind type:	Dual. Stepless tension
Flexo cliché range:	10"-19"
Knife box:	Shear, Crush or Razor
Shaft sizes:	76 mm (3")
UV system:	GEW Air cooled
Weight:	1200 kg
Dimensions:	2.2 m x 1,5 m x 1,7 m (WxHxD)
Power:	400V, 3phase, 32a



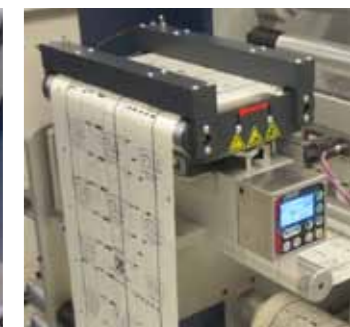
DC330NANO

Ultra compact converting

Ultra compact, cost effective unit for lamination, die-cutting and slitting. As digital label printing continues to grow, label-printing houses are realizing the need for all-inclusive digital printing systems that provide value-adding features for producing fully finished labels. The DC-330NANO offers the ideal solution. The DC330NANO offers unwind, self-adhesive lamination, semi-rotary die cutting and length slitting on a compact 1.3x1.3 meter platform. The unit is ideal as converter for a small digital press or as a backup to an existing finishing line. The unit can run either offline or inline.



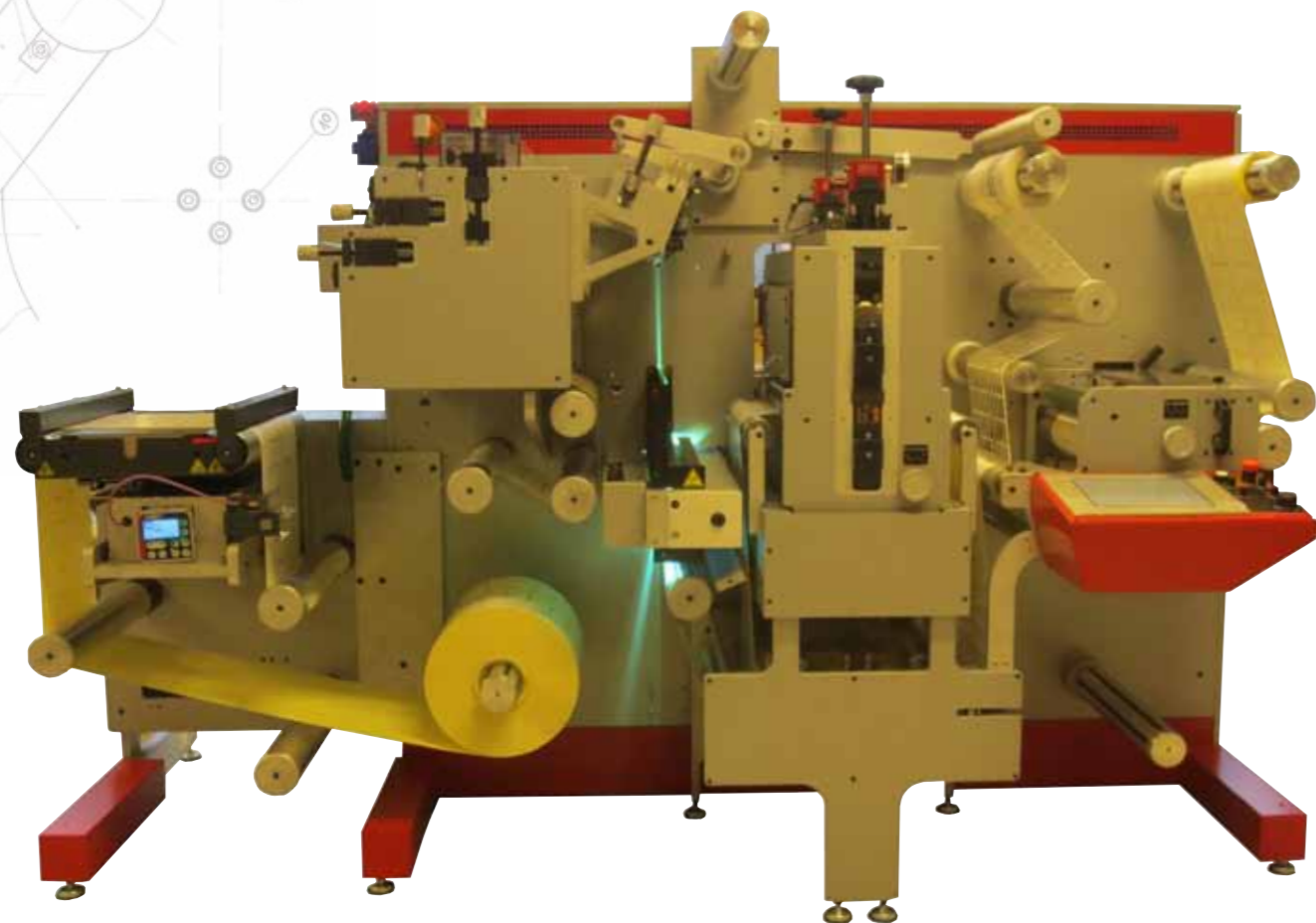
Knifebox with room for 10 fast set knives.



Webguide with splice table.

SPECIFICATIONS:

Web width:	200 mm-3300 mm
Substrate:	80-200 gsm
Speed:	20 m/min
Die cut repeat range:	2"-20"
Max unwind diameter:	Ø500 mm
Max rewind diameter:	Ø400 mm
Lamination unwind diameter:	Ø300 mm
Rewind type:	Single. Stepless tension
Knife box:	Crush or Razor
Shaft sizes:	76 mm (3")
Weight:	800 kg
Dimensions:	1.6 m x 1,5 m x 1,7 m (WxHxD)
Power:	400V, 3phase, 32a



DC500MINI

Wide web compact converting

The DC500MINI offers a complete converting and finishing unit, this product was specially created for use with digital printing presses. The DC500MINI 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-adding solutions.



Flexographic station with spot option.



Heavy duty semi-rotary die cutter.

SPECIFICATIONS:

Web width:	200 mm-500 mm
Substrate:	80-200 gsm
Speed:	40 m/min
Die cut repeat range:	2"-20"
Max unwind diameter:	Ø500 mm
Max rewind diameter:	Ø450 mm
Rewind type:	Dual. Stepless tension
Flexo cliché range:	10"-19"
Knife box:	Shear, Crush or Razor
Shaft sizes:	76 mm (3")
UV system:	GEW Air cooled
Weight:	1.6 t
Dimensions:	2 m x 1,5 m x 1,7 m (WxHxD)
Power:	400V, 3phase, 16A



HOTFB330

Flat bed hot foil and embossing

The HOTFB330 is a precision stamping unit for production of high quality labels. The machine can do foil stamping, embossing or one pass foil and embossing. The best way to impress consumers is the right combination of quality and beauty, and this is exactly what this unit can bring to the table. The HOTFB330 is an innovative unit that will add intricate details of gold, silver or even holograms to your labels. The HOTFB330 will do both hot foil and cold embossing, and foil saver, servo-register and electronic temperature control and BST web-guide are standard.



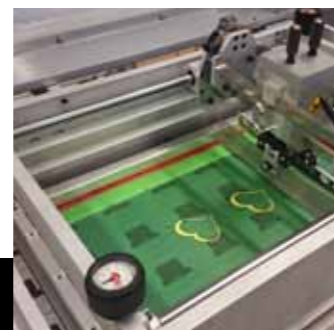
Easy plate mount system - swap in hot state.



Create amazing foil and embossing combinations.

SPECIFICATIONS:

Web width:	110-380 mm
Speed:	6000/H impressions or 10-15 m/min
Web unwind and rewind:	3" pneumatic. Ø500 mm
Foil unwind:	Dual spindle with 1" or 3" core
Foil rewind:	3" pneumatic. Ø200 mm
Foil feed	Cross and length direction (turning foil tower)
Servo register system	for printed marks or optional label group sensor
Plate size and type:	304,8 x 330 mm. 5-9 mm magnesium or copper
Digital temperature control:	80-130 C
Warm up time:	20 min
Size:	2.2x1.5x1.25 m (LxHxW)
Power:	3x400V 16A



SC330

Precision screen printer

The SC330 has a servo system that ensures perfect register on tight jobs. The frame size is 500x660mm. Frames can be made locally at a low cost. The unit has a UV drying system from GEW. A special "after glow" feature cures even high layers of ink. The SC330 is compatible with tooling from existing equipment. Setting up the SC330 is very simple and fast, which makes it suitable to complete very short runs. Apart from being a cost-efficient alternative to rotary printing due to the low costs of mesh and frame, flat bed screen printing is also a good match for digital print - as the screen can be very fast for day to day production of labels.

Strong print frame with 4 adjustment points.

High build screen varnish label.

SPECIFICATIONS:

Speed:	4000/h impressions or 7-15 m/min
Web unwind and rewind:	3" pneumatic. Ø500 mm
Web width:	110-330 mm
Frame size:	660x500 mm
Frame type:	30x30 mm alu frame
Air supply:	5 Bar (72.5 psi)
Size:	2250x1600x2000 mm (LxWxH)
Power:	3x 400V, 16A 50-60 Hz. HPFI>350 mA
Weight:	1500 kg

UC500

Coating and priming unit

The UC500 coating line is a universal coating/priming unit. It comes as an inline or offline version. Inline versions support all major digital presses. GM delivers the UC500 in both left-right and right-left run direction. Coatings are applied with a flexo graphic station and can be both UV and water based. The UC500 can be equipped with partial varnish, lamination, super gloss and other coating options. For priming synthetics a Corona system is needed. Water based coatings will need a closed chamber option in most cases. The UC500 can be delivered in a "full duplex version" that applies coatings to both sides of the web. The standard 4x1.6 meter UC500 has a more compact sister; The ultra compact UC500L. This light version measures only 2x1.6 meters.

Closed chamber blade option for water based inks.

Corona system for synthetic materials.

SPECIFICATIONS:

Max. web width:	508 mm
Min. web width:	100 mm
Unwind diameter:	Ø700 mm
Rewind diameter:	Ø500 mm
Spindle size:	3" pneumatic
Flexo station repeat:	10-19"
Drying system:	GEW UV 6000 Watt
Hot air system:	11000 Watt
Size:	3.8x1.3x1.6 m (LxWxH)
Power:	3x400V 16 Amps



Maskinen er skåret lidt pludseligt af i begge sider af billedet - er det med vilje?

HS30

High speed rotary sheeter

The HS30 rotary sheeter is a cut-to-mark high-speed sheeter for 30" wide web. It is designed to convert roll-fed material into sheets. The size can be from 20" to 60" depending on tooling. Precision register is managed by servo drive technology. The HS30 can deliver sheets to a conveyor or a stacker solution. The unwind station is a double sided hydraulic unwind stand with tension control and lift from floor function. Maximum diameter is 1000 mm.



Jumbo unwinder with hydraulic lift from floor.



Pile high stacker for "offset style" stacking.

SPECIFICATIONS:

Web width:	762 mm-300 mm
Substrate:	80-400 gsm
Speed:	60 m/min
Max. unwind diameter:	Ø600 mm
Repeat range:	3"-40" depending on tool
Shaft size:	76 mm/3"
Options:	Pile high stacker, Corona, Varnish
Weight:	2 t
Dimensions:	4.7 m x 1.6 x 2 m (WxHxD)
Power:	400V, 3 phase, 16A



ETV330

High speed sheeter

Roll to sheet guillotine cutter suitable for cutting labels and heavy materials. In-line and off-line operation. Built-in register control. A touch screen that allows for easy handling operates the sheeter. Cutting according to length, number of labels or print marks. It features a conveyor belt with stack and total counter. The web speed is limited to max. 30 m/minute and max. 14.000 sheets/hour and varies consequently according to the selected cutting length. The speed is typically 3.000 - 10.000 sheets/hour, subject to the job.



Easy-to-use touch panel.



Rotary slitting option.

SPECIFICATIONS:

Max. web width:	330/515 mm (13.0"/20.3")
Min. web width:	30 mm (1.8")
Max. sheet length:	9999 mm (393.7")
Min. sheet length:	10 mm (0.4")
Max. web speed:	30 m/min
Unwind mandrel diameter (sleeves):	40 - 180 mm (1.6 - 7.1")
Max. unwind diameter (internal unwind section):	800 mm (31.5")
Cutting accuracy:	approx. ± 0,15 mm (0.006")
Max. roll weight, unwinding:	150 kg
Size:	1.9x1.5x0.9 (LxHxW)
Power:	200-240V 16A 1p



COOLIE

Electro-hydraulic roll lifters

The Coolie roll lifter line contains a variety of roll lifters. Mobile electric or hydraulic roll lifters and roll turners. All models are available with remote control and are equipped with an expansion mandrel and a roll holder preventing telescoping of the roll. The roll lifter features a side-adjustment system for easy fitting of the mandrel into the core. Optional equipment includes "claws" to grab the roll from the outside and mandrel sizes from 3" to 12".



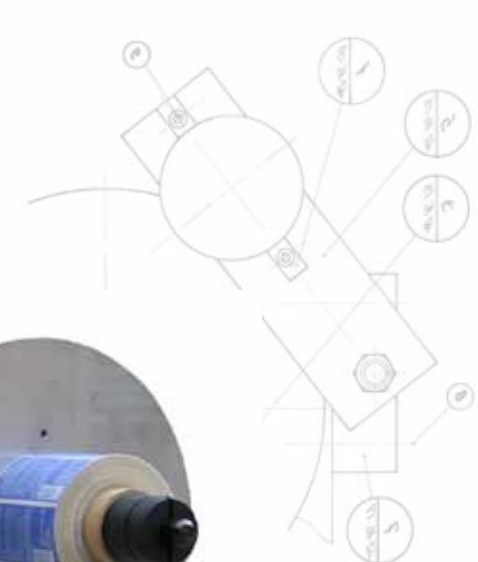
Coolie200 – manually pushed with hydraulically assisted lifting and tilting.



Coolie600 – largest model lifting up to 600 kg.

SPECIFICATIONS FOR SMALLEST AND LARGEST MODEL

Lifting height:	1450-2400 mm
Clearance height:	1240-2080 mm
Max. roll diameter:	900-1260 mm
Min. roll diameter:	360-540 mm
Max. roll width:	330-600 mm
Min. roll width:	160 mm
Max. roll weight:	200-600 kg



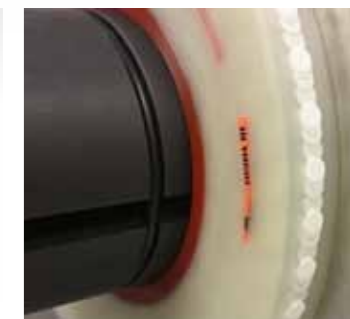
LRFT-18/25

Inspection rewinder

The LRFT-18/25 rewinders are vertical table top models with splicing table and two motor controllers – one working as an unwinder and the other as a rewinder - and the design offers control of the web tension which ensures superior winding quality. The mandrels are air expansion mandrels with sleeves easily exchangeable to other sizes. A touch panel makes the operation of the machine very easy with graphic figures showing the rewind direction, and the direction of rotation for the shafts. The machine has integrated label counter. Options include web guide, missing label system and meter counter. In case of a missing label, the machine stops and places the error on the splice table with high precision. A small LR11T "flat table" version is also available for narrow webs.



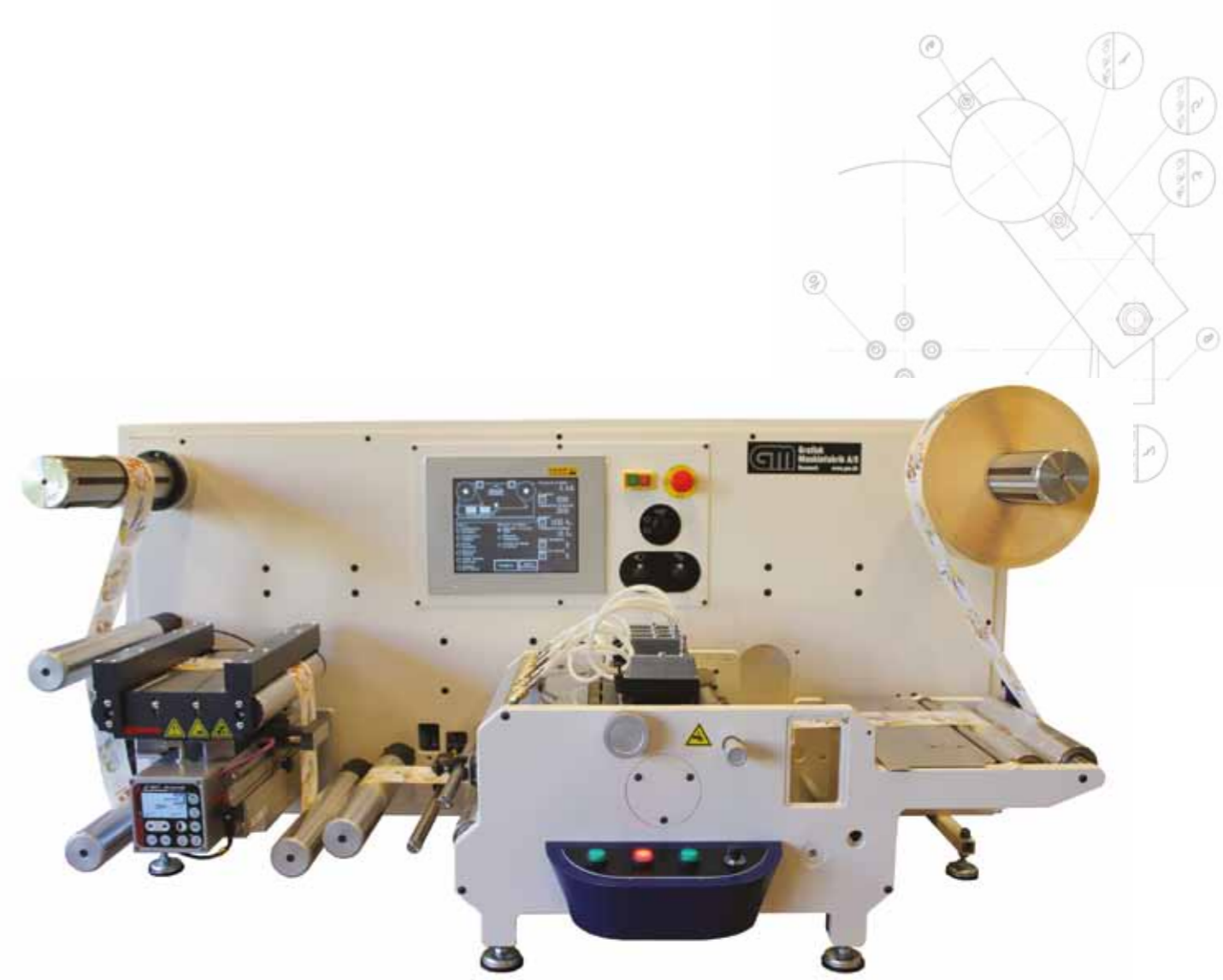
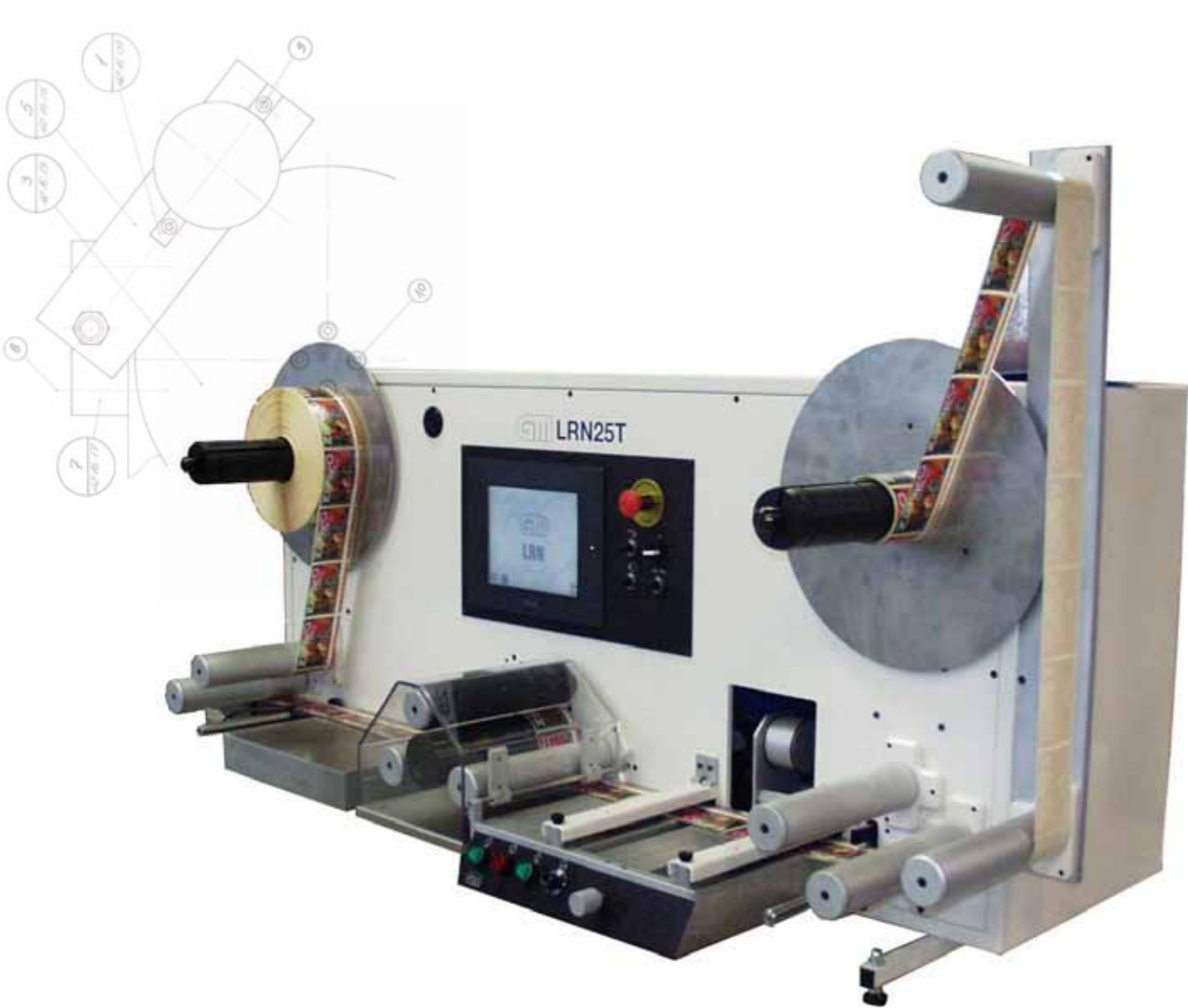
The smallest version of our rewinders; the LR11T is an economic flat table rewind with missing label system and counters. Touch screen in local language.



The LRFT series of standing rewinders support very small webs – down to 10mm webs can be inspected.

SPECIFICATIONS:

Models:	LR11T, LRFT18, LRFT25
Max web width:	110, 180 or 250 mm
Minimum web width:	10 mm
Speed:	100-300 m/min depending on diameter
Max. unwind diameter:	400 mm
Max. rewind diameter:	350-400 mm
Mandrel size:	25-120 mm
Dimensions LRFT(L x W x H):	1310 x 810 x 800 mm
Dimensions LR11(L x W x H):	1050 x 700 x 360 mm
Weight:	150 kg
Power supply:	1 x 230 V, 50/60 Hz, max. 6 A



LRNT

Inspection rewriter with room for inkjet

The LRNT rewinding and inspection unit is designed especially for demanding rewind jobs of high quality. The two-way rewriter has web tension control, nip and adjustable splice table with pneumatic splice clamps. It is equipped with air expansion mandrels with sleeves easily exchangeable to other sizes and can be fitted with an inkjet system. This turns the rewriter into an excellent machine for making labels, tickets, tags, forms, barcodes, cards in one process. Quicker, easier setup compared to other variable data printers.



Moveable splice table.



Inspection system.

SPECIFICATIONS:

- Max. web width: LRN18T: 180 mm, LRN25T: 250 mm
- Max. speed: 200 m/min
- Max. unwind diameter: 400 mm
- Max. rewind diameter: 400 mm, subject to web width and material
- Built-in label counter: One preselection and five digits
- Built-in inspection equipment: For detection of missing labels or waste matrix
- Air mandrels with sleeves: 25-120 mm (diameter)
- Electricity supply: 1 x 230 V, 50/60 Hz, Max. 6.0 Amp
- Dimensions (L x W x H): 1310 x 810 mm

LST330

High speed slitter rewriter

The LST330 slitter-rewinding and inspection unit is a tabletop model designed for especially demanding rewind jobs of high quality. The LST can be fitted with rotary, crush or razor blades. A built-in digital ruler makes knife set easy. The two-way rewriter has web tension control, nip and adjustable splice table with pneumatic splice clamps. It is equipped with air expansion mandrels with sleeves easily exchangeable to other sizes. The rewriter can be set at rewinding label-in or label-out.



Digital ruler for fast knife set.



Knifebox with crush knife.

SPECIFICATIONS:

- Max. web width: 330 mm (13")
- Max. speed: 220 m/min
- Max. unwind diameter: 400 mm (16")
- Max. rewind diameter: 400 mm (16"), subject to web width and material
- Knife types supported: Rotary, Crush and Razor
- Minimum knife distance: 15 mm
- Air mandrels with sleeves: 25-120 mm (1-5") (diameter)
- Built-in label counter: One preselection and five digits
- Built-in inspection equipment: For detection of missing labels or waste
- Size: 1.6x1.1x0.8 m (WxDxH)
- Power: 3x400V 16A P+N. 350mA HFI

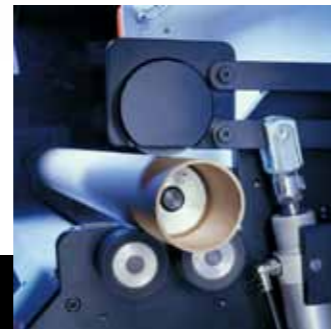
Auxilliary machines



PNT160

Semi-automatic core cutter

The PNT160 core cutter provides high precision feeding and cutting of cardboard cores of optional length and sizes at high speeds. Long experience in the manufacturing of core cutters has resulted in the development of a unique product giving high priority to service friendliness and production speed. The switchover from job to job is easily done within a few minutes. The core cutter is operated by a user-friendly touch display with graphic symbols. The PNT160 automatically adjusts all machine operations to the selected core size and wall thickness.



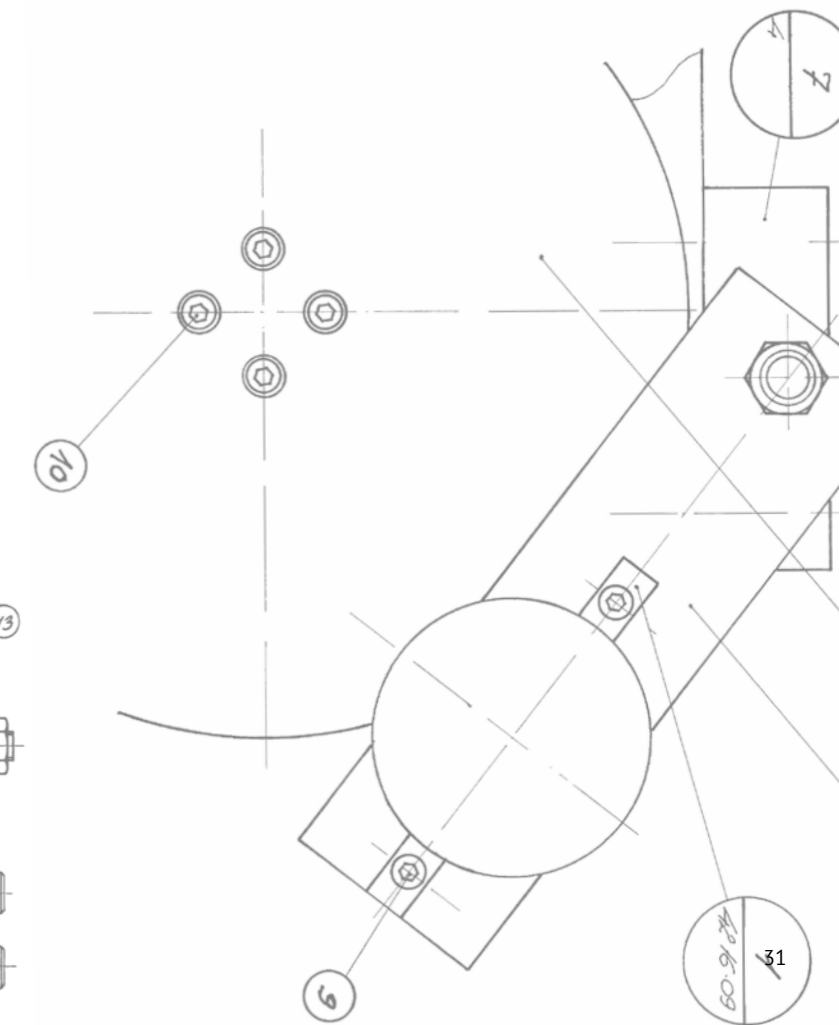
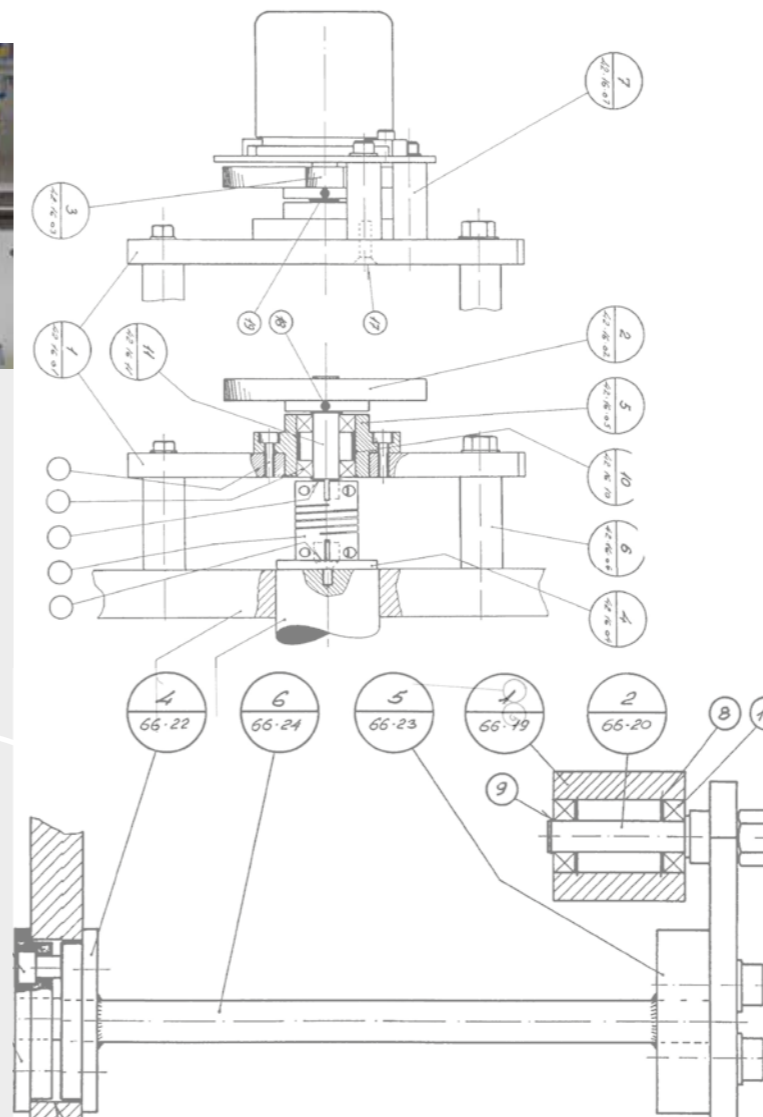
Core cutting with 4" blade and electronic contact kick-off for knife life saving.



Fast-mount core adapter. Easy reloading.

SPECIFICATIONS

Cutting speed:	Max. 40-70 cuttings per minute, subject to core size and material
Cardboard core diameters:	25.4 mm (1") - 152.4 mm (6") (one adapter set for each diameter)
Material thickness:	Max 15 mm (0.59")
Air supply:	Min. 4 bar
Electricity supply:	200-240 V AC, 50/60 Hz, 4 Amp
Dimensions (L x W x H):	2450 x 510 x 1550 mm





XRN500 Rewind Unit

The XRN500 is a dual rewind unit with constant tension control towards the press. It features stepless tension on the rewind roll and a tension dividing nip. Operates on both slack-loop and tight web presses. Dual rewind, knifebox and webguide optional.

Web width:	500 mm/330 mm
Maximum roll diameter:	400 mm dual/600 mm single rewind
Maximum roll weight:	100 kg
Maximum speed:	32m/min (96 feet/min)



RTJS Roll Turner

A simple, practical and cost-efficient roll turner available with various options. Designed for mounting on a crane or similar. GM offers smaller roll turners as well.

Max. roll diameter	1240 mm (49")
Min. roll diameter	660 mm (13.8")
Max. roll weight	300 kg
Shaft	76 mm or 152 mm (3"/6")



GR80

Shredder without own suction. Designed to shred a wide range of materials and reduce it to approx. 5 - 10% of the original volume.

Max. trim width:	30mm
Max. trim extraction speed:	200 m/min
Connection tube diameter	
inlet int./ext. dimensions:	63/75mm
Dimensions:	600x480x1100mm (LxWxH)



GR80K

Shredder with built-in waste removal unit. Designed to shred a wide range of material and reduce it to approx. 5 - 10 % of the original volume.

Max. trim width:	30mm
Max. trim extraction speed:	250m/min
Connection tube diameter	
inlet int./ext. dimensions:	2*56/ 2*63mm
Dimensions:	650x650x860mm (LxWxH)



LRW500 Rewind Unit

For the heaviest and most demanding jobs, GM offers this multi-purpose, stand-alone rewinding unit with splice table, web guide and slitting knife. The entire module is electronically synchronized and capable of communicating with a variety of printing systems

Maximum web width:	500 mm
Maximum roll weight:	600 kg
Maximum roll diameter:	1000 mm (40")
Maximum speed:	30m/min (higher on request)



LUW500 Unwind Unit

For the heaviest and most demanding jobs, GM offers this multi-purpose, stand-alone unwinding unit with splice table, web guide and slitting knife. The entire module is electronically synchronized and capable of communicating with a variety of printing systems. Unit has a low unwind signal for press.

Web width:	520 mm
Maximum roll weight:	600 kg
Maximum roll diameter:	1270 mm
Maximum speed:	30 m/min (high on request)



SU3 Waste Removal Unit

The SU3 Waste Removal Unit is an inline shredder for slitting applications, designed to convey trim from slitters of almost any make to a waste bin. The SU3 is mounted on wheels and is easily moved from one machine to another.

Max. trim width:	20 mm
Max. trim extraction speed:	150-200 mm/min
Dimensions:	600x400x600 mm (LxWxH)
Weight:	35 kg

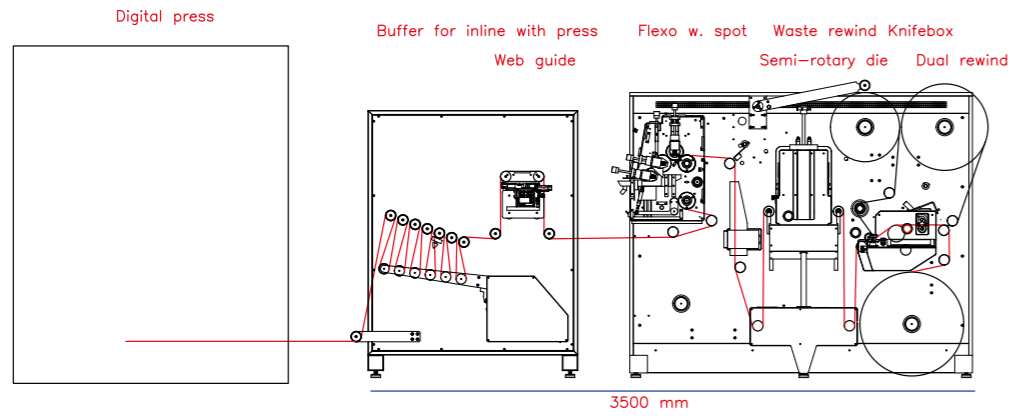


RL Roll Lifters

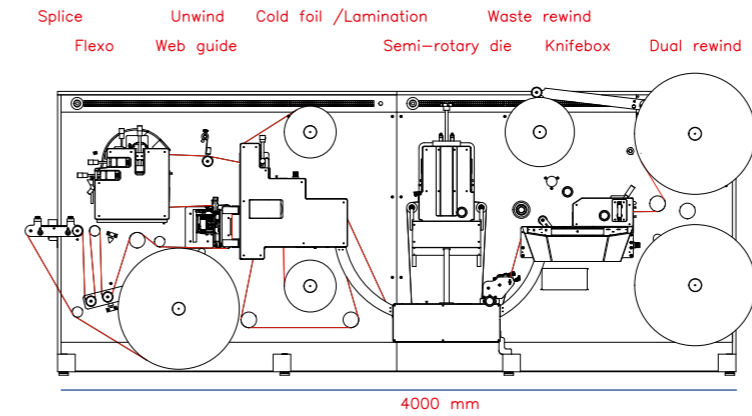
Mobile lifting units for handling of paper rolls. The RL-line includes four models with different lifting heights and manual or automatic lifting. Fits under EUR pallets. Both hydraulic and electric models are available.

Lifting height:	20-1700 mm
Max. roll weight:	160-350 kg
Lifting system:	Electric or manual hydraulic foot pump
Weight:	80-110 kg

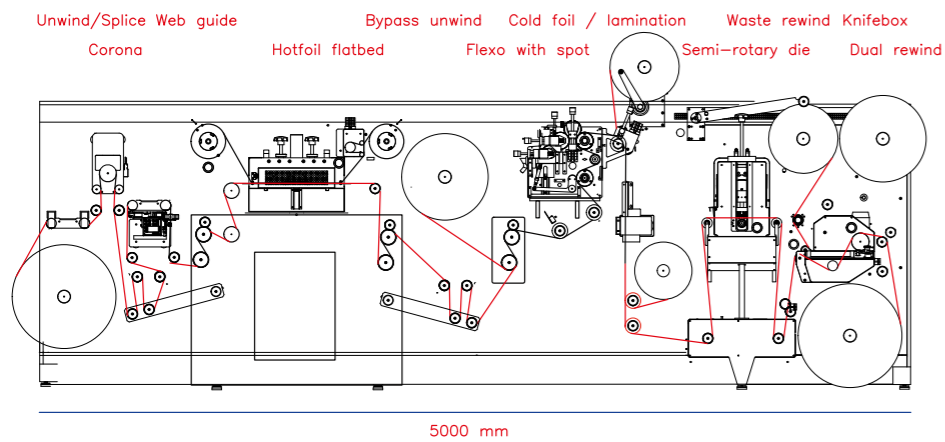
Configuration Examples



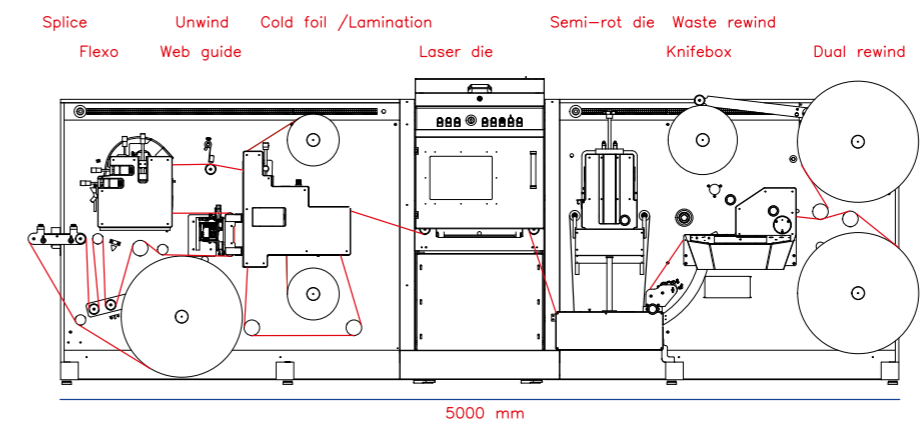
DC330MINI finishing line with inline option for HP Indigo digital press. This configuration offers compact and economic processing of labels. Features are flexo varnish, lamination, spot varnish and die cutting.



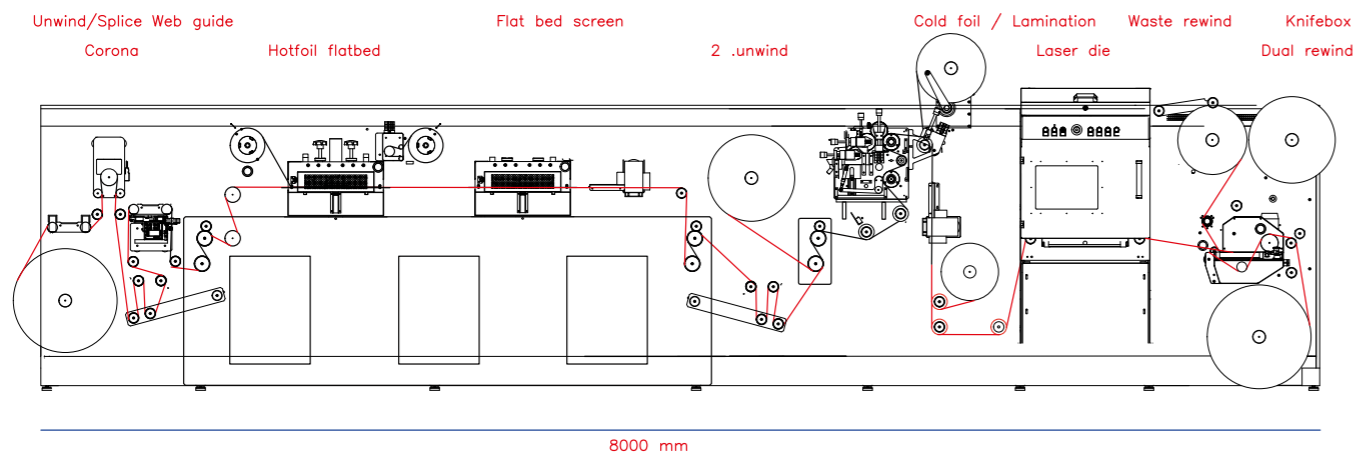
DC330 finishing line with built-in inline/offline option. Flexo varnish with spot, lamination, cold foiling, semi-rotary die cutting, slitting and dual rewind.



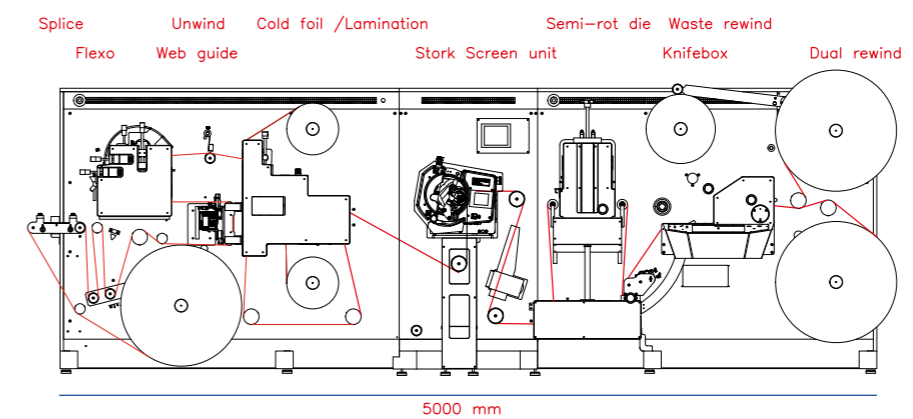
DC330 compact finishing line for high quality flatbed foil stamping. Integrated foiling unit with dual foil unwind, foil saver and servoregister. Embossing and foiling can be done using the same tool. Flexo varnish, lamination, spot varnish and die cutting.



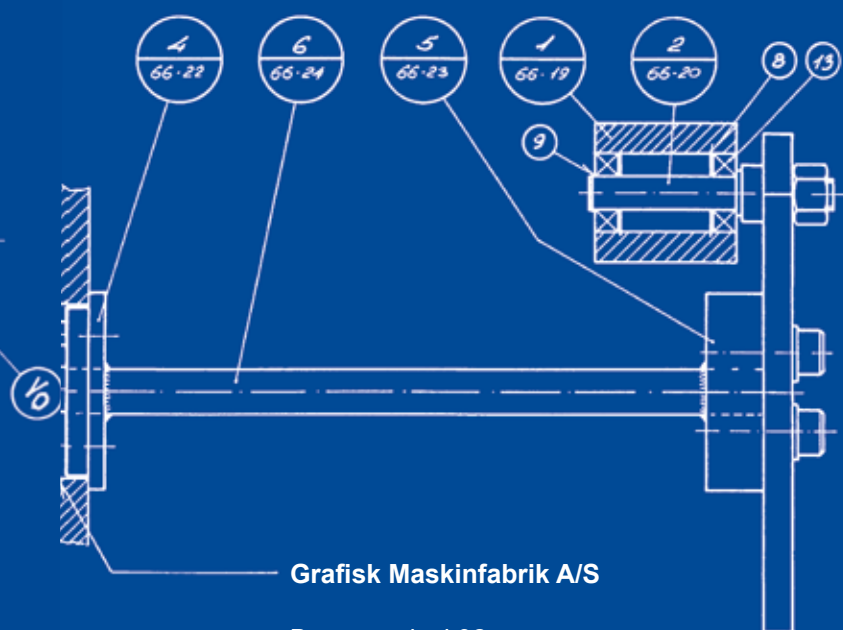
DC330HYBRID finishing line with built-in inline/offline option. Hybrid laser and traditional die cutting. Flexo varnish with spot, lamination, coldfoiling, semi-rotary die cutting, slitting and dual rewind.



DC330 compact finishing line with combined high quality flatbed foil stamping and flatbed screen printing. Servo register and foil saver. Embossing and foiling can be done using the same tool. Laser die cutting unit, flexo varnish, lamination, spot varnish and traditional die cutting.



DC330 finishing line with built-in inline/offline option. Stork rotary screen unit for raised varnish/special colors/silk screen finish. Flexo varnish with spot, lamination, cold foiling, semi-rotary die cutting, slitting and dual rewind.



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