

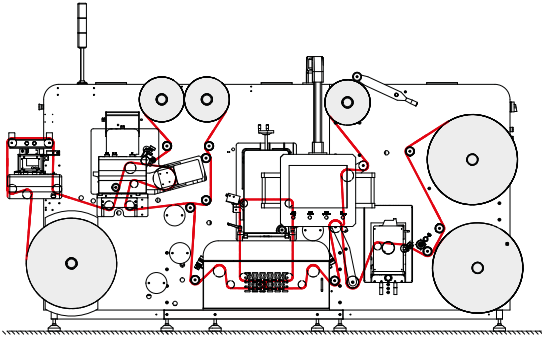
# PrintsPaul

*Innovative solutions for printing & converting*

PRODUCT OVERVIEW 2024



# PrintsPaul PPDF

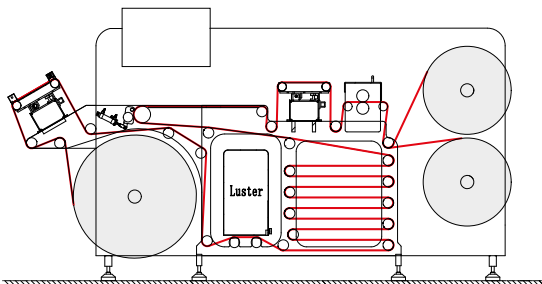


## Features

- Web widths 330/420 mm
- two independent rewinders
- Semi Turret (option)
- manual backscore (option)
- Slitting unit with razor blades
- Slitting unit with crush-knives
- manual slitting unit with shear knives (option)
- automatic slitting unit with shear knives (option)

The PPDF is the proven volume model of the PrintsPaul Converting Line. Even in the basic configuration, it combines solid workmanship and outstanding performance. The basic equipment includes unwinding, web guide, full rotary flexo printing unit with inseting module, lamination and cold foil, full/semi-rotary die cutting unit with adjustable gap as an option, slitting unit and two separately working, servo controlled rewinders.

# PrintsPaul PPVSA-Luster

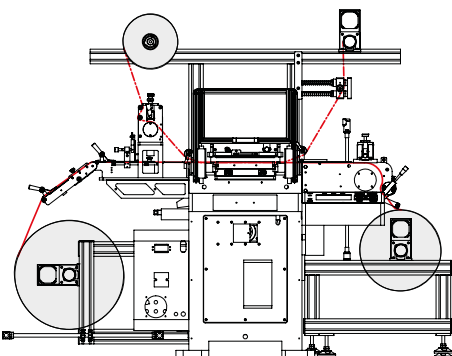


## Features

- Web widths 330/370/420/520 mm
- double web guiding
- Slitting speed up to 300 m/min
- Inspection speed up to 150 m/min
- Runing forward and backward
- two independent rewinders
- Semi turret (option)
- Slitting unit with razor blades
- manual slitting unit with shear knives
- automatic slitting unit with shear knives (option)

A complete inspection system of the extra class. Flexible in configuration. Powerful in detecting errors. Simple and intuitive operation of the Luster software and the PrintsPaul rewinding and cutting system. Standard is a 4K camera, a 8K camera is available as an option. Also as an option available is a variable code reading module.

# PrintsPaul PPRSD



## Features

- Die cutting
- Hot Foil
- Blind embossing
- Imprinting with foils
- Subsequent refinement
- Slitting
- Lamination
- Mark control by object!

The PrintsPaul PPRSD 350 embossing machine. The allrounder when it comes to die cutting, embossing and hot foiling. Fast set-up times and easy operation, these are features that characterize this entry level machine.

# ECOstarline

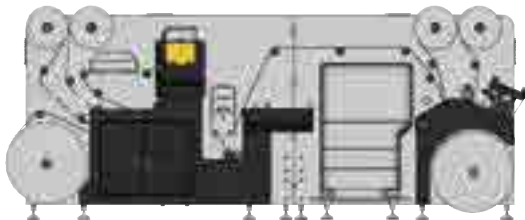


## Features

- Web guide system
- no compressed air required
- only 220 Volts needed
- servo controlled web movement
- Compact measurements
- movable on rolls
- easy operation
- three different working modes to be compatible with as much printing devices as possible

The ECOLINE platform - one platform - various applications. The same platform can be equipped with different printing systems. Three different working modes for a web-based system are unique on the market. Whether it is a system with its own web movement or a system without, the platform will work with it and gives your printing system a base. A simple and intuitive operation as well as a very compact and user-friendly design make it easy for every user of this platform. More and more printing systems are coming onto the market that use the established Starline platform.

# DELUXEstarline



## Features

- Web guide system
- servo controlled web movement
- Corona treatment optional
- full/semi-rotary flexo
- LED-UV-Dryer
- Hot-Air-Dryer
- two different laminating stations
- easy operation
- three different working modes to be compatible with as much printing devices as possible

The DELUXE platform - the upgrade to ECOLINE. Like the Ecoline, the DELUXE platform works with almost all third-party web-based printing systems. However, this unique concept has been expanded with several features to significantly expand the benefits for the operator. Among other things, lamination options and a semi-rotary flexo printing unit are built into this frame. Now blank material can be pretreated, or refined after printing. The DELUXE platform is nearly the all in one solution for your label production.

# ECOstarline

## PrintsPaul

# DELUXEstarline

## PrintsPaul

ECOLine *	● ● ●
ECOLine **	● ● ●
ECOLine ***	● ● ●
ECOLine **** ecologic	● ● ●
ECOLine *****	● ● ●

DELUXEline *	● ● ● ● ●
DELUXEline **	● ● ● ● ●
DELUXEline ***	● ● ● ● ●
DELUXEline **** ecologic	● ● ● ● ●
DELUXEline *****	● ● ● ● ●

## Technology

## Examples of realization

Inkjet-UV drying	black
Inkjet-UV drying	black, white/varnish
Inkjet-UV drying	black, white, varnish
Inkjet, water based	C, M, Y, black
Toner based	C, M, Y, black, white

## Flexo printing (DELUXE starline)

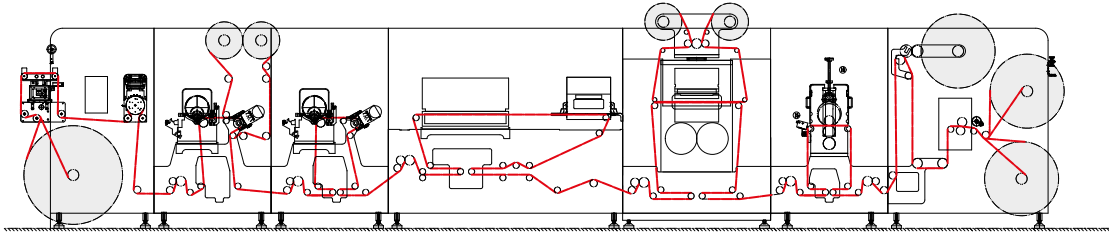
+ Corona Pretreatment (option) & laminating station

custom color, varnish, glue

# The PrintsPaul PPMDF *The modular build up converting line*



Available units



## Features

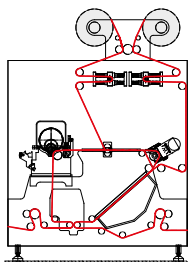
- multilingual operator guidance, also in your language
- modular build up and expandable
- electronically controlled web guiding
- two independently controlled rewinds
- fully servo controlled
- Speed full rotary up to 120 m/min, semi-rotary up to 60 m/min, belongs to repeat
- Web widths of 330/420/520 mm, not available for all modules

## Available modules and options:

- Web cleaner
- Corona treatment
- full/semi-rotary flexographic printing unit, 60-192Z cylinder
- full/semi-rotary die cutting unit, 80-204Z cylinder
- Screen printing unit, repeat up to 450 mm
- Hot foil unit, 90° turnable head, up to 300 cycles/min
- Processing of hologram foils
- Laminating unit
- Register lamination
- Inkjet unit, for imprinting or for varnish and cold foil applications
- semi-rotary cold foil applications
- UV-dryer
- Air-dryer
- manual backscore
- automatic backscore, two circular knives
- Matrix removal in the snowball system with sword and trigger roll
- Slitting unit with razor blades
- Slitting unit with crush-knives
- manual slitting unit with shear knives
- automatic slitting unit with shear knives
- Semi Turret

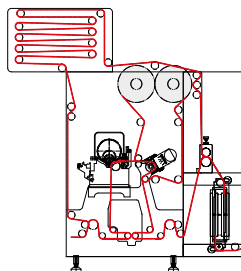
## Samples of available modules for the PPMDF

### Semi-rotary cold foil



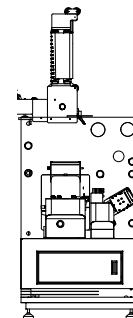
Print semi-rotary with a flexo unit and even apply cold foil in semi-rotary mode. This unit is really easy to use and gives your products a unique finish. Discover the possibilities with this unique module for the PPMDF.

### Relam-Delam



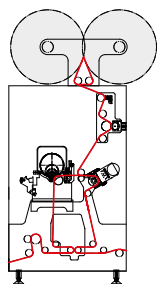
Remove the liner to print with Flexo into the glue of your printed web of labels. Once this is done, the print sheet and the liner fit together again precisely.

### Crossover unit



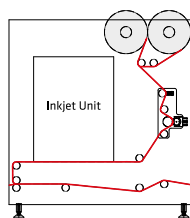
Cut the printed sheet in half and place the two layers on top of each other to easily create multi-layer labels.

### Register lamination



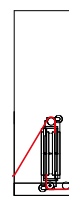
Protect your products by laminating or laminate in register to produce multi-layer labels with added value for your customers.

### Inkjet printing



Imprint in black or 4C, apply varnish digitally to your products or print the whole labels with our inkjet solution for the PPMDF. Different models are available to serve customer needs.

### Turnbar



Rotate the web inside of your PPMDF during production. The module can be an add-on in a fixed position or moveable on rails. Just as your needs require.

## Core cutter



PrintsPaul offers roll core cutters in various designs. In addition to models with manual operation, versions with semi-automatic and full automatic operation are also available. In the semi-automatic models, only the roll cores are loaded manually. The cut takes place automatically after entering the different lengths of the cores and their amount. The full automatic models are loading the cores automatically as well. All models can process roll cores up to 2 m long.

## Roll lifter



### Features

- roll weight up to 200 kg\*
- web widths up to 420 mm\*
- lifting height 1.200 - 1.600 mm\*
- rotatable lifting shaft, from horizontal to vertical\* Features

\*depends on model

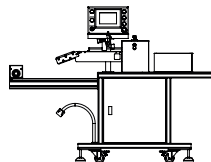
Roll lifters are indispensable tools when it comes to printing from roll to roll. PrintsPaul has several models on offer. They range from simple lifters to lifters just to feed the machines up to lifters with a turnable head to be able to lift rolls safely and easily from a stack too.

## Sheeter



### Features

- compact design on a rollable base, for inline and standalone use
- Web widths up to 350 mm
- up to 300 cycles per minute
- Mark reader ensures a precisely cut



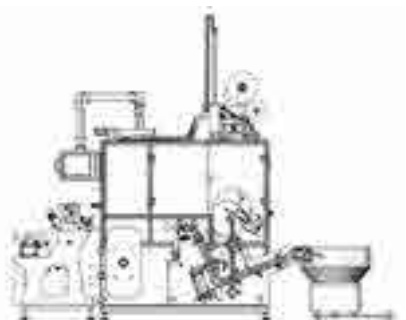
The length of the sections can be easily entered in the control panel. A mark reader ensures the exact cut at the desired position. The integrated counter stops the machine automatically after the preselected amount has been reached.

## 4-spindle-Turret



### Features

- four spindles for continuous operation
- 1,2,3" spindles available
- automatic feeding of roll cores and ejection of the finished rolls
- Glueless attachment of the web to the cores
- web speeds up to 120 m/min



## Technology



unwinding



toner printing



inkjet printing



flexo printing



offset printing



screen printing



hot stamping



cold foil



lamination



die cutting



slitting

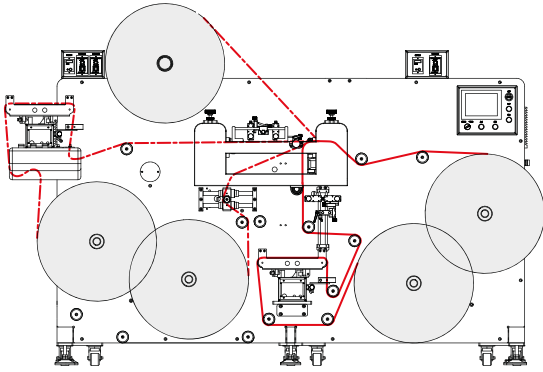


inspection



rewinding

# PrintsPaul PPRSH

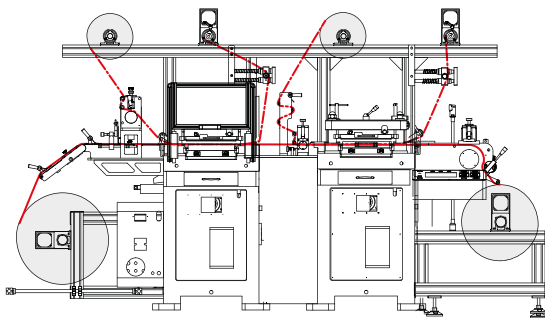


## Features

- Web width 450 mm
- two web guiding systems
- Speed without lamination in register up to 100 m/min
- Semi Turret (option)
- Slitting unit with razor blades (option)
- Slitting unit with crush-knives (option)
- Slitting unit with scissor knives (option)
- automatic slitting unit with scissor knives (option)

The PPRSH is the solution when it comes to applying different layers to each other. This means that up to three layers can be precisely connected to each other in one operation. It is also possible to stick labels onto an existing label web. This machine is also characterized by its compact design and easy operation. Also usable to spend RFID-labels.

# PrintsPaul PPRSD-Dual



## Features

- two applications of the PPRSD in a row
- die cutting
- Hot Foil
- Blind embossing
- Imprinting with foils
- Subsequent refinement
- Slitting
- Mark control by object!

The brand new PPRSD-Dual is the next expansion stage of the PPRSD, which is already very successfully established on the market. This machine has two of the robust embossing units that work one behind the other. The first of the two units is constructed analogously to the standard PPRSD and can therefore not only be used for embossing or die cutting, but also offers the option of applying hot foil. The second unit can then be used for embossing or die cutting. In this way, several work processes can be combined in one device to save time.



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*Innovative solutions for printing & converting*

PrintsPaul GmbH & Co. KG  
Eduard-Mörke-Straße 36  
Tel. +49 (0) 2403 7829-30

Digitaldruck Systemhaus  
D-52249 Eschweiler  
mail@printsPaul.com

[www.printspaul.com](http://www.printspaul.com)