

300 Processor series



The 300 Processor series offers a variety of web processing and converting functions.

- Tractor feed holes
- Cross perforation
- Vertical perforation
- Dynamic perforation
- Custom punching patterns

Flexible punching and perforating

Reduce paper and labor costs by purchasing plain, unconverted paper and process it only as needed at the time of printing. Lasermex Roll Systems 300 Processor series provides web processing and converting capabilities in-line with your high-speed digital print engine at speeds up to 500 feet/min.

Each unit incorporates a modular design to allow maximum flexibility for various processing functions. The most common functions are punching tractor feed holes, adding cross perforations for fanfolding, and dynamic perforations for remittance coupons.

The 300 Processor series uses rotary technology for maximum precision and speed. Perforating blades can be quickly added or removed as required. All models include an LCD

screen for easy operator controls. The 325 and 330 Processor models feature electronic programming for selection of perforation intervals and position on the form. Many other punching, perforating and die cutting functions are possible with the 300 Processor series. Contact Lasermex Roll Systems to configure according to your application requirements.

As with all of our products, the 300 Processor series is compatible with today's most advanced digital printers and can be adapted to meet your printing needs. Global service and around-the-clock support help ensure our reputation as the industry's reliability leader. Count on Lasermex Roll Systems to help you do more with digital print.

300 Processor series

310 Processor

This machine is placed before the printer and is designed to efficiently and accurately punch tractor feed holes in unprocessed paper.

320 Processor

This machine is placed before the printer and creates fanfold perforations across the web in fixed intervals in common form lengths. In addition, the 320 Processor is configured to punch tractor feed holes.

325 Processor

This machine is placed before the printer and creates fanfold perforations across the web in programmable intervals from 5" to 20". The 325 Processor is also configured to punch standard tractor feed holes.

330 Processor

This machine is installed after the printer and creates dynamic perforations. By reading a mark on the web, perforations can be added to only the required pages. For 1-up or 2-up applications, cross perforations can extend across the full web width, half-width or partial widths. Dynamic vertical perfs in programmable lengths are an optional feature for the 330 Processor to create "coupon" tear outs.

Only pages with marks receive "coupon" perfs.

Many other punching, perforating and die cutting functions are possible with the 300 Processor series. Contact Lasermax Roll Systems to configure according to your application requirements.

Common Processor Functions

	tractor holes	fanfold perfs—fixed length	fanfold perfs—variable length	dynamic cross perfs—full or partial width	optional dynamic vertical perfs	optional file holes or custom punches
310 Processor	●					○
320 Processor	●	●				○
325 Processor	●		●			○
330 Processor				●	○	

Specifications

Performance / Media

Speed Max. 500 ft/min 2.50 m/sec
(speeds over 350 ft/min, 1.80 m/sec require application review and testing)

Feeding Pinfed or pinless

Paper weight 20# bond–200# tag
75–350 gsm

Web width 5"–20.5" 127–521 mm

Cross perforation width
3.5"–20.5" 90–521 mm

Cross perforation repeat length
fixed 5.5", 11", and 22"
6", 12", and 24", or custom lengths
variable 5"–20" (in 1/6" increments)
dynamic 5" minimum at 220 ft/min
10" minimum at 400 ft/min

Options

File hole, corner, or custom die punching

Dynamic vertical perforations
3" minimum at 300 ft/min
5" minimum at 500 ft/min
(shorter lengths require testing)

Web guide option

Agency Approvals

UL, CUL, FCC, CE

Electrical

Power 230 VAC, 3 ph, 50/60 Hz, 60A
or 400–480 VAC, 3 ph, 50/60 Hz, 30A

Heat Output 13,710 BTU/h 3440 kcal/h

Compressed Air 60 PSI gauge at 5 CFM

Environmental

Temperature 68–85° F 20–29° C

Humidity 50–70%

Acoustics Max. 84 dbA

Physical

Length
310 60" 1500 mm
320, 325 71" 1800 mm
330* 71" 1800 mm
*includes loop control

Width 61" 1550 mm

Height 51" 1300 mm

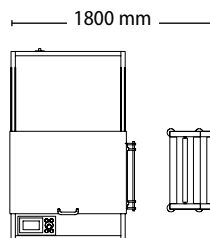
Weight
310 1720 lbs 780 kg

320 2900 lbs 1300 kg

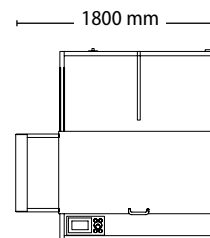
325 2640 lbs 1200 kg

330 1880 lbs 850 kg

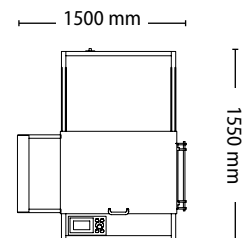
Color Gray or Pearl-white



330 Processor



320, 325 Processor



310 Processor