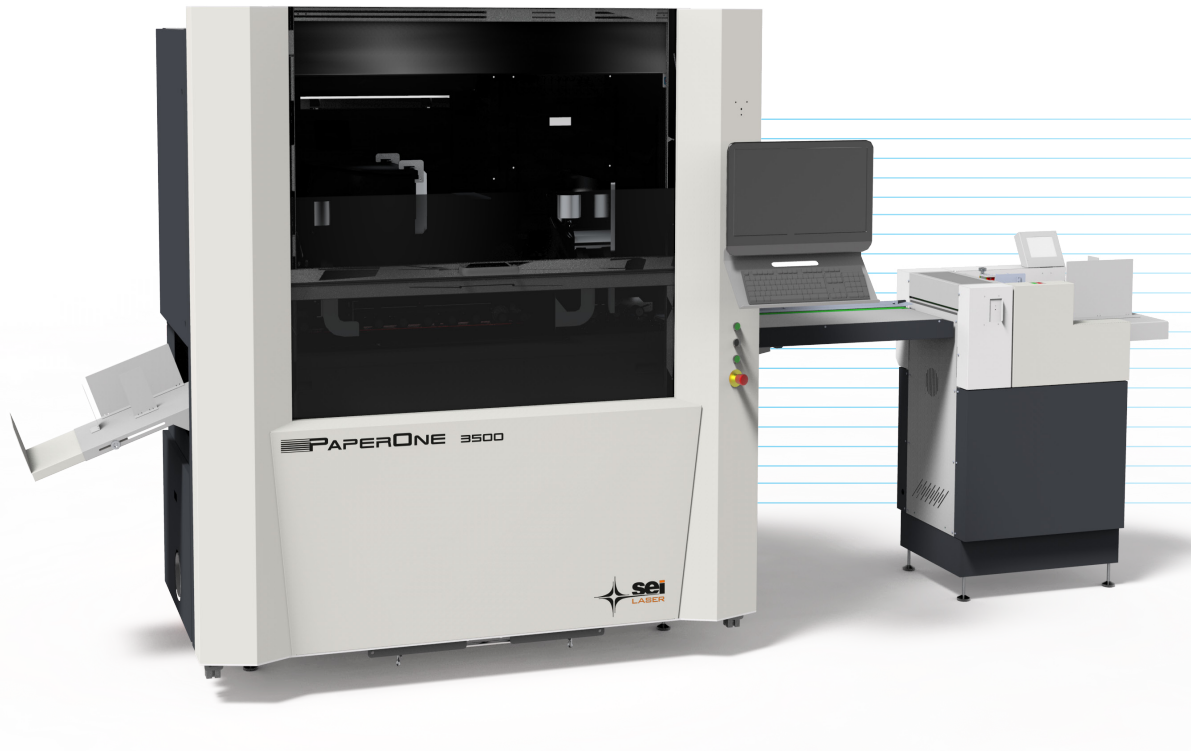


PAPERONE 3500

THE MOST FLEXIBLE AUTOMATIC DIGITAL FINISHING SYSTEM FOR LASER DIE-CUTTING AND CREASING FOR BOTH COMMERCIAL AND GRAPHIC APPLICATIONS



- PaperOne 3500 is a flexible, technologically advanced system for laser based converting and decorating of sheet materials. Specially designed for the graphic art industry PaperOne is the new fully automatic laser based solution for real time creasing and die-cutting from **SEI Laser**.
- PaperOne 3500 die cuts, micro-perforates, decorates and creases both sides of the sheet (front/back) depending on the job and design.
- PaperOne 3500 integrates with the most sophisticated digital workflow software programs by reading Barcode, QR-Code etc.
- PaperOne 3500 has a precise mechanical registration system, in addition to a digital camera based registration system.
- PaperOne 3500 is available in 3 laser configurations, to meet the most demanding needs.
- PaperOne 3500 is a modular system that can be configured with the following modules: automatic feeder, male/female vertical creasing module, alignment table, laser die cutting module, single laser module, waste collector automatic stacker, conveyor belt stacker and fume exhaust system.
- Substrate types: PAPER, PET, PP, BOPP.
- Substrate thickness: 0,08 - 0,4 mm.
- Max sheet size: B3: 375 mm x 1050 mm.
- PaperOne 3500 is classified as Class 1.
- PaperOne complies with CEI EN 60825/1.

THE LASER WAY





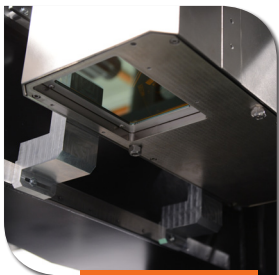
Reflection-free working area



Waste brush-cleaner



Automatic loading



Outstanding Scanning Laser head



Professional fumes filtering

Main technical features:

Sheet size input (mm)	min. 105 x 148	max. 375 x 1050
Sheet thickness (µm)	min. 80 - max. 400	
Sheet format	Portrait	
Cut technology	CO ₂ sealed off laser sources - Radio-frequency pumped	
Laser power (W)	150 - 300 - 500	
Laser sources	Single	
Productivity (sheet/h)	max. 2500	
Transport speed (mt/min)	max. 40	
Laser working area	Double 375 x 1050	
Registration method	To sheet and to image	
Compliance	CE Certification	
Pile height (mm)	max. 180	
Input system	Automatic feeder	
Creasing tool	1 or 2 creasing tools settable	

Options

- Automatic feeder
- "On-the-fly" job changes via reading of variable codes (front/back)
- Camera registration of front- back printed marks
- Automatic stacker
- Belt conveyor stacker
- Single laser
- 3 laser configurations
- Single or dual digital vertical creasing unit
- Activated carbon filter exhaust system

