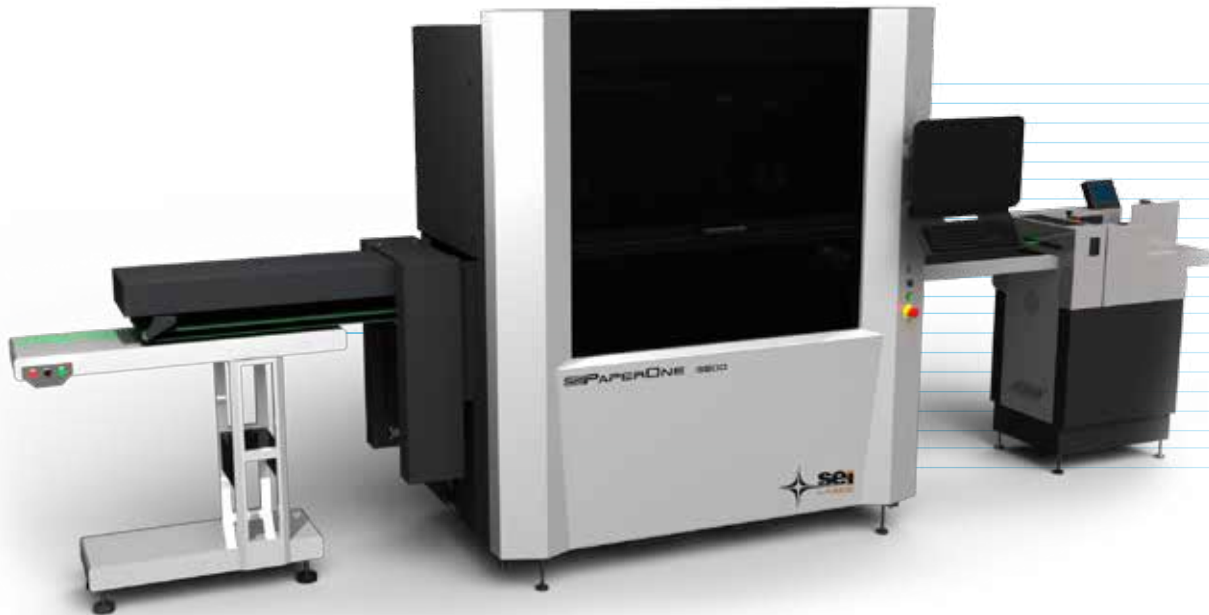


# PAPERONE 3500

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 by **SEI Laser** for the Graphic Art Industry **PaperOne 3500** is the new fully automatic laser based solution for real time creasing and die-cutting.
- **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, waste collector automatic stacker, conveyor belt stacker and fume exhaust system.
- Substrate types: PAPER, PET, PP, BOPP.
- Substrate thickness: 0,09 - 0,6 mm.
- Max sheet size: B3: 375x1050 mm.
- **PaperOne 3500** is classified as Class 1.
- **PaperOne 3500** 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

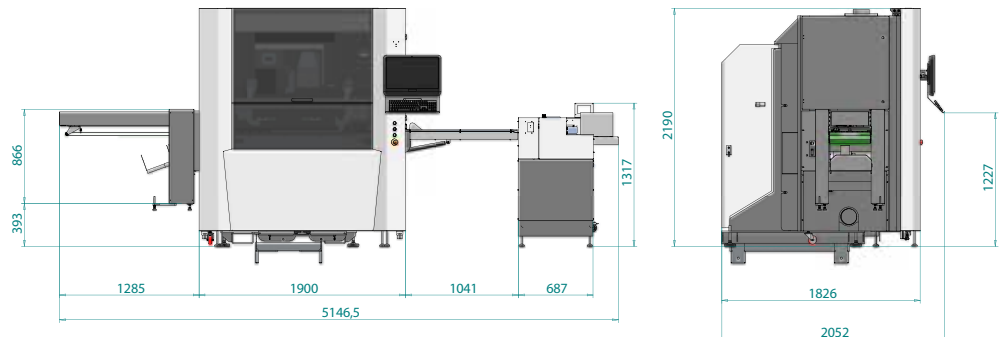
**Main technical features:**

|   |  |                 |
|---|--|-----------------|
| Sheet size input (mm)                     | min. 105 x 148   | max. 375 x 1050 |
| Sheet thickness (µm)                      | min. 90 - max. 600   |                 |
| Sheet format                              | Portrait   |                 |
| Cut technology                            | CO <sub>2</sub> 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 (mm)                   | 350 x 1050   |                 |
| Registration method                       | To sheet and to image  |                 |
| Pile height (mm)                          | max. 180   |                 |
| Input system                              | Automatic feeder   |                 |
| Creasing tool                             | 1 or 2 creasing tools settable   |                 |
| Compliance with norms and safety measures | 2014/35/EU Low Voltage Directive<br>2006/42/CE Machinery Directive<br>2014/30/EU Electromagnetic Compatibility Directive<br>IEC EN 60825-1 Laser |                 |



**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 or dual digital vertical creasing unit
- 3 laser configurations available
- Output dispenser
- Activated carbon filter exhaust system



Weight = 2000 Kg

The product is CE marked.  
Features and system requirements may change without notice.

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