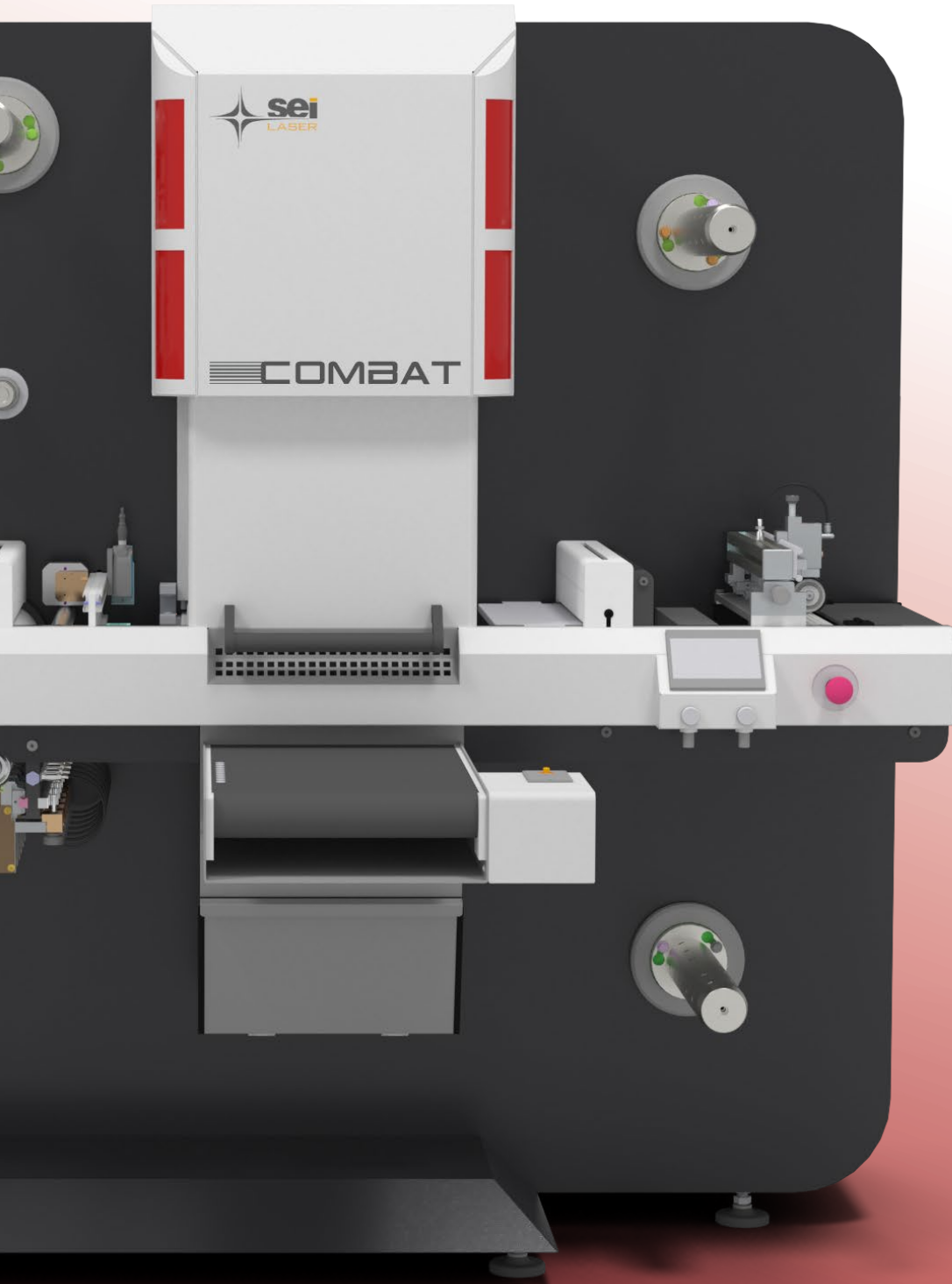


# COMBAT





Since 1982 we are a **Laser focused company** with the goal to provide innovative solutions to our partners to satisfy the specific market's requirements. Thanks to our **know-how** we design laser systems that guarantee significant performances in terms of cost saving, operational efficiency and final product quality.

Thanks to the complete range of laser systems developed by **internal R&D department**, SEI Laser can satisfy **every application needs** in both vertical and horizontal markets, including Plastic Converting, Lighting, Visual Communication, Textile, Interior Design, Automotive, Graphic Arts, Converting, Labeling, Flexible Packaging, Folding Carton, Furnishing, Metal processing and Electronics.

# THE LASER WAY

SEI Laser systems are **100% manufactured in Italy**. The software and firmware that control SEI Laser systems are developed by internal Software R&D Department to meet the different customers' requests in real time.

SEI Laser can rely on its branches, spread all over the world, to guarantee **excellent support** both during and after sale.

A state-of-the-art technology requires commitment; our history is based on loyalty and mutual learning with customers. This alchemy enables to establish **strong connections** with our partners and the development of **unique solutions**.





# REVOLUTIONIZING DIGITAL CONVERTING AND FINISHING



Combat is a **simple, compact and robust** roll-to-roll and roll-to-part laser cutting and digital finishing system for converting roll materials.

With a footprint of less than **2.5 meters**, this **single laser solution** combines the most innovative digital laser cutting and finishing technologies to meet the modern label printer's demand who's looking for **high quality and performances**, allowing to overcome also the most difficult challenges in a constantly evolving market.

The possibility to produce standard and custom labels in **any shape** on a **wide range of materials** (from paper to PET, PP, BOPP, to fabric), with maximum precision and productivity, makes the Combat one of the best available options on the market.

Moreover, in an increasingly competitive market, the **QR-Code / Barcode reading system** allows changing the job on the fly, guaranteeing high productivity and minimizing or even completely eliminating changeover times, eventually reducing time to market.

Within the converting and rolled labels world, digital systems are now a consolidated technology. Using Combat instead of the traditional mechanical die-cutting methods, allows to implement a **totally digital workflow** from start to finish, **from "PDF" file to shipping**. No more tooling costs, no more storage costs.

The **proprietary control software**, compatible with the most common digital workflows, makes Combat the most efficient solution to implement a totally digital business model: **web to label, web to stickers, web to packaging**.





Combat, designed for 360 mm [14,2"] web width, is available in **3 laser configurations** (V150, V300 and V500). It is meant to meet even the most demanding production requirements.

Combat can be configured according to the customer's needs either at the time of purchase or at any time: a wide range of options that can be **field installed** allows to upgrade the system at a later date.

- |  |                                 |  |
|--|---------------------------------|--|
| 1. Main unwind $\varnothing$ 76 mm [ 3"] | 6. Lamination unwind & Silencer | 11. Full/Thru-cut table                    |
| 2. Splicing table/webguide               | 7. Liner rewind                 | 12. Sticker/waste collector bin            |
| 3. HMI on swivel and moveable arm        | 8. Nip rollers                  | 13. Waste rewind $\varnothing$ 76 mm [ 3"] |
| 4. QR Code reader                        | 9. Back scorer                  | 14. Length slitting unit                   |
| 5. Mark reader for synchronization       | 10. Laser cut                   | 15. Rewind $\varnothing$ 76 mm [ 3"]       |

# DIGITAL REVOLUTION

# 10 GOOD REASONS FOR COMBAT



Small footprint



Quick installation and easy field customization



Full digital workflow integration



*“Just in time delivery”*, from PDF to shipping



No high skill operator needed



Ideal for short runs



High speed laser cutting on most materials



Bar-QR code reading for job change *“on-the-fly”*



Any label shape possible



Top laser cutting quality

## EXPANDING POSSIBILITIES



# WHY SEI LASER?

## WE ARE THE LASER CHAMPIONS

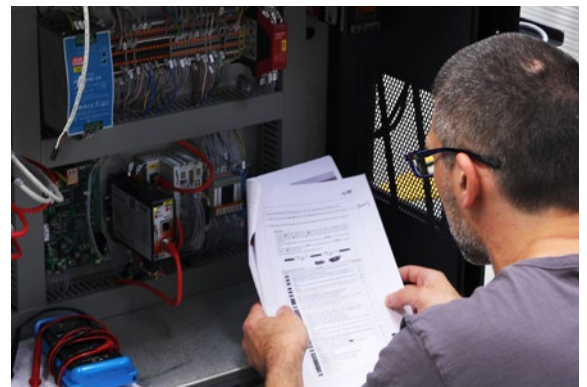
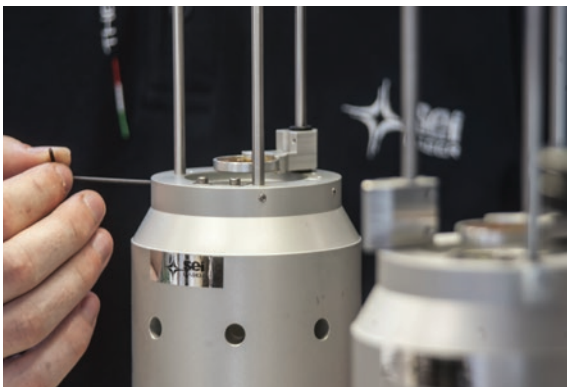
With more than 40 years of experience SEI Laser is a **pioneer** in the design and manufacture of laser systems. SEI Laser **designs and manufactures its own scanning heads and electronic controls**, from hardware to firmware to software. With proprietary R&D expertise in laser and optics, SEI has full control over all systems and tune every project to meet each applications' needs.

## WE ARE DIGITAL

Every SEI Laser system can be integrated into automated digital control production processes. Sei Laser's strength is the **flexibility**; no matter what your workflow is, we can adapt accordingly. Thanks to the user-friendly human-machine interface, using SEI's lasers will be **easy to learn**, intuitive, and safe for any operator!

## WE GUARANTEE THE BEST QUALITY IN THE MARKET

SEI Laser guarantees the **highest accuracy and precision** through maximum control of the laser beam (4-axis system). Achieve the highest quality of cutting, kiss-cutting, marking and scoring without any material discoloration or burning and at highest processing speed for a maximum throughput. No matter what your material or printing technology, our lasers can cut it!





## WE HAVE THE LARGEST APPLICATIONS KNOWLEDGE

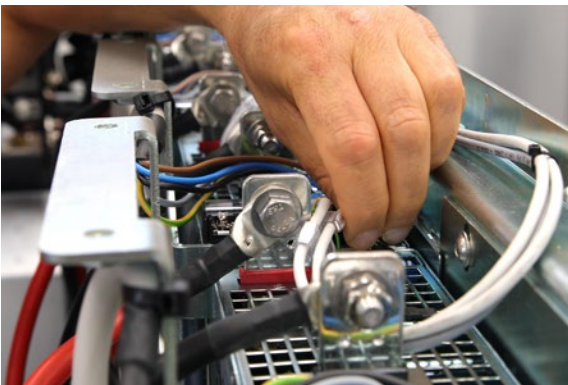
SEI Laser offers a complete range of laser solutions that can be configured with different options, interfaces and automation to **meet specific market and application demands**. Commercial print & graphic arts, LED backlight, folding carton, labels, metal processing, wood, flexible packaging, leather, plastic, denim & fashion, industrial and technical textile are some of the main markets and applications in which SEI has a wealth of experience and know-how.

## WE BELIEVE IN THE IMPORTANCE OF SERVICE SUPPORT

SEI Laser, thanks to its wide range of technical support services and its strong presence across all continents of the world, ensures a quick, effective and tailored response to the different customer needs. In addition to technical support on-site, SEI Laser offers a valued remote assistance. Real-time communication between SEI's engineers and the customer allows the operator to be guided step by step in technical operations like **personalization of the processing parameters or problem diagnostic and troubleshooting**.

## WE CARE ABOUT THE ENVIRONMENT

With SEI's eco-friendly laser solutions, there's no longer any need to dispose of traditional dies, and material waste is reduced to the minimum.





**SEI S.p.A.**

Sito produttivo  
Via San Cassiano, 2  
24030 Mapello (BG) - Italy  
T. +39 035 4376016  
info@seilaser.com  
www.seilaser.com

**SEI Laser Converting**

Via Praz dai Trois, 16  
33030 Buja (UD) - Italy  
T. +39 0432 1715827  
F. +39 0432 1715828  
info@seiconverting.it  
www.seilaser.com

**SEI Deutschland GmbH**

Moosweg 9  
D-82386 Huglfing - Germany  
T. +49 8802 913600  
F. +49 8802 9136066  
info@seilaser.de  
www.seilaser.de



**CLOSE TO  
THOSE WHO  
SEE FAR**

**SEI S.p.A.**  
Via R. Ruffilli, 1  
24035 Curno (BG) - Italy  
T. +39 035 4376016  
F. +39 035 463843  
info@seilaser.com  
www.seilaser.com

**SEI Laser France**

Le Korner  
17 Rue du Prof. Jean Bernard  
69007 Lyon - France  
T. +33 4 37 70 48 93  
france@seilaser.com  
www.seilaser.com/fr

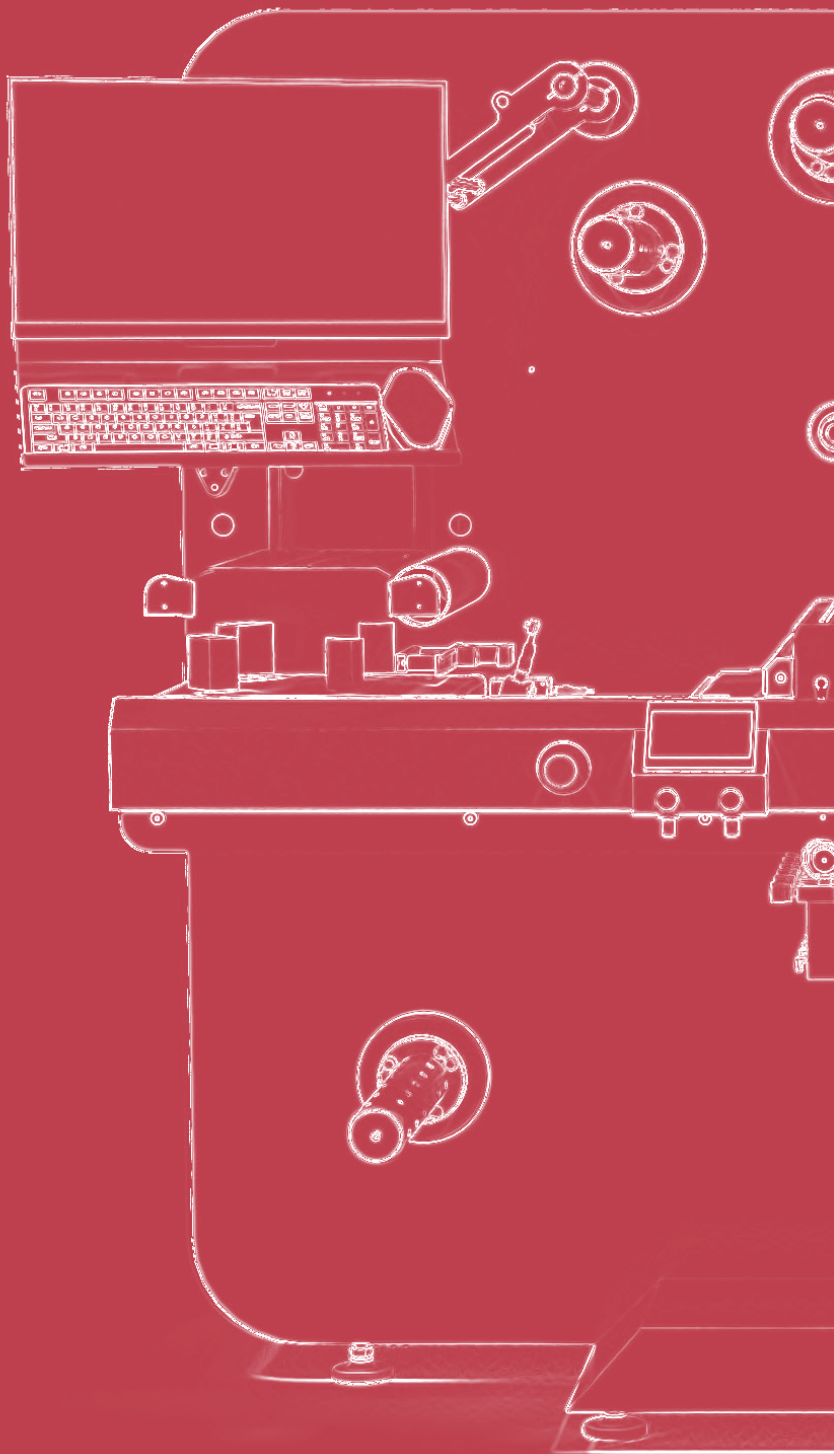
**SEI Laser Latin America**

Industria e Comercio  
de Equipamentos LTDA  
Rua Antonia Martins Luiz, 410,  
CEP: 13347-404,  
Distrito Industrial João Narezzi,  
Indaiatuba San Paolo - Brasil  
T. +55-(19)-3935-1550  
T. +55-(19)-3935-2950  
Whatsapp: +55-(19)-99350-4466  
atendimento@seilatinamerica.com.br  
seilatinamerica.com.br

**SEI Laser Systems (SHAOXING)**

Co. Ltd.  
N°128, Zheduan Road,  
Pukou Development, Shengzhou,  
Post Code 312400 Zhejiang - China  
T. +86 575 83933766  
F. +86 575 83933766  
info@seilaserasia.com  
www.seilaserasia.com





SEI S.p.A.  
Via R. Ruffilli, 1  
24035 Curno (BG) - Italy  
T. +39 035 4376016  
F. +39 035 463843  
info@seilaser.com  
www.seilaser.com