

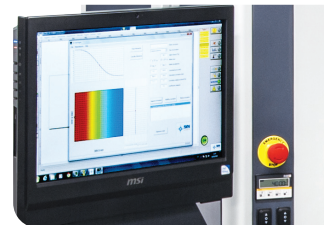


# FLEXI 1300 CONVEYOR

## Maximum productivity in roll materials processing and finishing

- **Flexi 1300 Conveyor** is the outcome of **SEI Laser's** technical expertise and experience of high productivity in roll material processing exploiting laser technology.
- **Flexi 1300 Conveyor** is specifically designed for utmost speed roll material cutting, marking and engraving (max width: 1300 mm) with the maximum quality.
- The core of **Flexi 1300 Conveyor** is I-Scan. Its high dynamics and quality enable a perfect cut edge guaranting mass productivity.
- Processable materials: natural and synthetic textile, TPU, technical textile.
- Sectors: automotive, airbag, filters, rubber gaskets, ducts (air handling), sportswear and footwear.
- **Flexi 1300 Conveyor** is a Class 1 laser safety product and complies with international standard IEC EN 60825/1.

*Touch Screen*



# FLEXI 1300 CONVEYOR

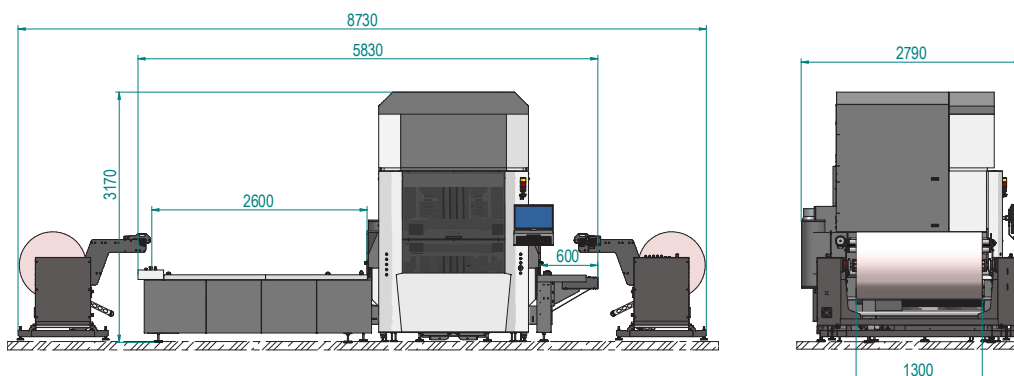
## Main technical details:

Version	V150	V300	V400	V500	V800
Laser technology	Sealed (CO <sub>2</sub> ) diffusion cooled slab laser excited in radiofrequency				
Laser wavelength (µm)	10,6				
Power (W)	>150	>300	>420	>540	>780
Peak power (W)	>315	>630	>880	>1135	>1640
Scan head	I-Scan				
Laser spot-small working area (500x500 mm)	0,22 mm				
Laser spot-big working area (1300x1300 mm)	0,6 mm				
Cooling	Water cooling (closed loop chiller)				
Max roll width (mm)	1300				
Z axis (mm)	800				
Max conveyor speed	20 m/min				
Software interface	PC Windows™ with preinstalled Icaro SW				
CCD camera	Optional				
Norm compliance	2014/35/EU Low Voltage Directive				
	2006/42/CE Machinery Directive				
	2014/30/EU Electromagnetic Compatibility Directive				
	IEC EN 60825-1 Laser Safety				

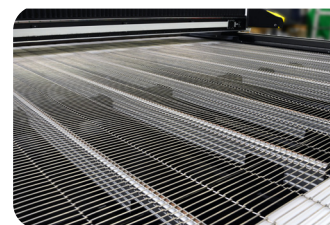


## Main features:

- Modular structure in electrowelded steel which guarantees stability, process repeatability and maximum precision;
- Device for dynamic control of focal point "Dynamic Beam Expander" directly by software, for high performance;
- Conveyor for textile roll processing;
- CCD camera (option);
- Class 1 for the safety of the operator and work environment;
- Compliance with the Industry 4.0 certification;
- 100% SEI Laser design and manufacture: guaranty of stability and repeatability.



Conveyor



Fumes extraction

