FLEXI 600 BLU

BLULINE

THE HI-END SOLUTION BASED ON LASER TECHNOLOGY TO PROCESS UP TO 600x1200 MM
LGP PANELS AT HIGH SPEED FOR BACKLIGHT APPLICATIONS

SEI Laser proprietary processing technology

- **Flexi 600 BLU** is the outcome of **SEI Laser**'s technical expertise and experience in processing LGP panels for Backlight applications exploiting laser technology.
- **Flexi 600 BLU** exploits proprietary laser technology to produce micro-points by light guide (LGP) on panels up to 600x1200 mm regardless of thickness. This process is 10 times more productive in comparison to other traditional technologies and other lasers, even with the maximum quality.
- The heart of the **Flexi 600 BLU** is represented by **Icaro BLU** software for LGP; thanks to this software it is easy to obtain a full uniformity of brightness in a few steps.
- Processable materials: PMMA sheets.
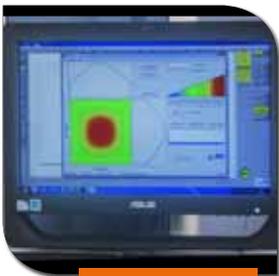- **Flexi 600 BLU** is a Class 1 laser system and complies with the IEC EN 60825-1 directive.

THE LASER WAY

sei LASER

Sliding table

Touch Screen control panel

Fumes extraction

Icaro BLU software

Brightness and homogeneity

Main technical features:

Available models		Flexi 600 BLU	
Processing technology		Proprietary SEI Laser	
Processable material		PMMA sheets	
Max. size of the panel (mm)		600 x 1200	
Max. thickness of the panel (mm)		40	
Application fields	Visual	Lighting	Tv-monitor
Max. productivity (m²/h)	27	18	15
Panel brightness uniformity		>85%	
Control unit		PC Win 7 with SW Icaro BLU pre-installed	
Size (mm)		3500 x 1200 x 2200	
Weight (kg)		630	
Compliance with norms and safety measures		2006/95/CE Low Voltage Directive	
		2006/42/CE Machinery Directive	
		2004/108/CE Electromagnetic Compatibility Directive	
		IEC EN 60825-1 Laser	
Laser safety class		Class 1	

CLASS 1, 3R or 4 LASER SYSTEMS

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Features

- Front door controlled by safety interlocks.
- Fume extraction ports specifically developed for the application.
- Software-controlled sliding table.
- Semiautomatic Z axis to optimize the laser spot size according to the size and thickness of the panel.

1115

2140

3460
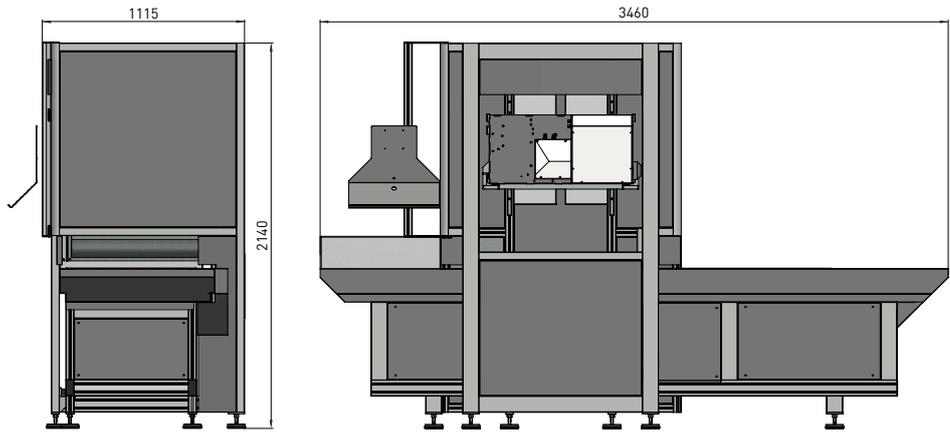
Kg 630

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

SEI Laser is a green company thanks to its solar power plant