

SL Laser Projection System

Roof

Wall

Floor

Sawing

Timber Jointing

Production Tools



- Simple to use, even for the unskilled worker
- Setup times are drastically reduced
- Machinery and material are used more effectively
- Eliminate costly rework – build directly to the laser template
- Quality can be reproduced and controlled
- Can be used with both table presses and conventional jiggling systems
- Fast return on investment



SL Laser Projection System

In the past, increasing your production capacity meant adding more floor space, new table systems, and increasing manpower with overtime or hiring additional labour. A laser projection system from Pryda can help you increase your production capacity by reducing your setup times as much as 70%.

The system utilizes Pryda’s engineering files to generate a full scale laser image of a desired truss or frame on work surface. Position the image anywhere on the table for efficient space usage. Set jigs accurately using the projected outline. Quickly identify components and place them in position. Locate nail plates precisely on component joints for maximum strength.

The operational software layout can be easily modified to suit your specific requirements. Layering of components (ie.chords, webs, outline, plates, text) can be individually switched to enhance the laser projection image.

The laser system’s easy to use remote control system allows teams to work independently on multiple lay-ups on the same table. Simply click the remote control to switch from jiggging to chords to webs to plates to the next truss... one click advances you to the next step in the process. The remote control system is customised to your build process – you can move, rotate, mirror, and flip images to fit your available table space.

SL Laser works with a green laser image. Your production staff won’t have to work in dim light or wear special glasses to see a green laser – the green laser is 4 to 5 times more visible to the human eye than red laser light.

SPECIFICATIONS

		Dimensions
Laser output		5mW
Green Laser		532mm diode-pumped solid state laser
Laser Class		Class IIIa certification in North America Class 2M for CE certification in Europe
Projection systems	- Installation	Single or multiple head units
	- Projection area	4m x 5m (nominal)
Weight (per unit)	Kg	22
Installation requirements		
Power		230V AC, single phase via a UPS
Data		Standard network connection with hi-speed broadband access
Foundation		Suitable stable structure approx. 4 metres above the work surface

RELATED EQUIPMENT

- Remote control
- Operator console
- Support structure