

# PV LAMINATOR



**Model: SSL-LAM2.0**

## **Overview**

Solar Source Ltd is a machine builder as well as uses the machines it sells for its own use. This ensures continuous development of its solar PV Laminator. The machine is uniquely built using laser and welded folded sections which are perfectly aligned to give a tolerance of less than  $\pm 1$ mm over a length of about 2m.

## **Features**

*Max. Laminate size:* 2000 x 1000 x 35 mm

*Heating area:* 2100 x 1150 mm

*Number of heaters:* >36

*No. Of controlled zones:* 3

*No. Of heater per zone:* 9

*Max. Heating rate:* 5 - 15°C/min.

*Active cooling:* None

*Automatic cycle:* Yes

*Max. Temp.:* 200°C

*Temp. Uniformity:*  $\pm 5^\circ\text{C}$ .

*Lamination:* constant temp. Lamination

*Vacuum pressure:* <1mbar

*Flowrate:* 5000 l/min

*Max. System total power:* 35kW

*Utilities:* 3xP@40A/phase, 5 wire.

*Weight:* 2000 kg

*Height (cover open):* 2000mm

*Top vac chamber:* ability to set top chamber pressure

*Vac. Pump:* inlet filter

*Control:* PLC process control via colour touch screen HMI.

*Accessory:* compressed air.



Solar Source Ltd,  
Unit P5 Parkway,  
Capital Business Park,  
Wentloog,  
Cardiff CF3 2PU.

T: +44 (0) 29 2077 2970  
F: +44 (0) 29 2036 1370  
E: sales@solar-source.co.uk  
W: www.solar-source.co.uk