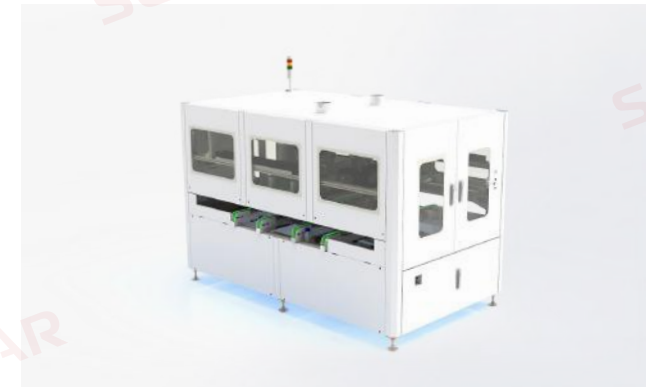




J-BOX LASER SOLDERING MACHINE



Features

- The soldering machine docks with other equipment, allowing for automatic loading and unloading of products.
- The equipment utilizes XYZ gantry moving mechanism with automatic servo correction, adaptable to position deviations of different J-boxes.
- The equipment utilizes visual guidance to automatically adapt to variations in the positions and angular deviations of J-boxes and lead wires.
- The equipment utilizes servo-controlled three-group wire pressing mechanisms, capable of independently flattening lead wires.
- The equipment employs a laser soldering module to rapidly move and weld lead wires at various points simultaneously.
- The equipment operates fully automatically, without the need for human intervention during operation.
- The equipment uses a visual and temperature sensing module to automatically assess welding quality.

Specifications

Item	Value
Compatible Module type	Glass-back sheet/G2G/Half-cell/Shingling
Compatible module size	Length: 1600-2550(mm); Width: 900-1450(mm)
Cycle time	16s
Dimension(L×W×H)	3200*1800*2000(mm)
Weight	2200kg
Transportation height	950±50mm
Utilization rate	95% (VDI 3423)
Noise	Max 75dB
Power requirement	AC 3 phase, 380V/N/PE, 50Hz, 15KVA
CDA	0.4-0.6(MPa), one drop, 400L/min
Cooling method	Water cooling
Change time	1h
PLC	Inovance