

A Sunstone micro welder is an indispensable tool for kovar welding, battery pack welding, fine wire welding, stranded wire preparation, wire termination, magnet wire welding, solar cell connection strings, circuit board traces, and every type of electrical connection. If you're in the business of building, installing, or repairing solar cells, a Sunstone micro welder must be a part ...

Our Tabber & Stringers weld solar cells to wire or ribbon in order to interconnect them electrically and create cell strings. These strings will be matrixed in the lay-up system immediately after the stringing process.

The CTM-60BC, a high-speed BC welder, is designed for automated production compatible with 166-230 (3BB-25BB) solar cell sizes. It welds 166-230 (half cells, 1/3 cells) BC solar cell strings. Equipped with PLC, servo, linear motors, four-axis industrial robots, and machine vision, it achieves fully automated processing from cell loading to ...

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Solar cell stringer machines are efficient and automatic soldering equipment for serial connection of solar cells into strings. The machine applies infrared soldering and automatic cutting to different solar strings.

Automatic shingled solar cell tabber stringer is an automatic equipment to weld the solar cells into strings by curing the conductive adhesive and collect the welded strings (or transfer them directly to the later process).

Tabber Stringer is used to weld solar cells to strings; Solar cell stringer machine OCH1500 adopts IR soldering method, servo motor driving and industrial ccd positioning & detection for defective solar cell excluding automatically. The ...

It has high adaptability to various kinds of solar cells& period; The number of cells per battery string can be adjusted through the touch screen& period; You can set the number of battery strings you want to produce& period; The spacing between ...

Tabber stringer can weld 156-166mm.(Compatible with 1/2?1/3?1/4 cell soldering), speed is 1500 PCS/hour. - Full Auto Solar Panel Making Machines - Ooitech, Full Automatic solar panel manufacturing equipment supplier, ...

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o Specific machinery for present and future technology with high performance. o Modular lines, so that future technologies can be adopted in an easy way (and cost effective). o Flexible lines. Our lines can be easily upgraded and adapted ...

Stringer machine welder Fig.2 allows soldering without mechanical and thermal stress, which is indicated for very thin solar cells and for ribbon cells. The machine is available also with laser soldering system that is indicated also for lead free ribbon. Thanks to the high flexibility the machine is suitable for all types of standard photovoltaic modules but also for BIPV modules. ...

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The geometry of the cell has the configuration of grid contact layout both in front and rear sides. Finger orientation is along X and bus bar orientation is along Y. Number of fingers (N F) on both the sides is 120 with round rectangular cross section. The height (H) of the fingers is 15 &#181;m and width of each finger (W F) is 45 &#181;m on both sides of the cell.

For series welding of crystal silicon solar cells. Compatible with 156-230mm, 5BB-20BB cells. Compatible with conventional welding strip and round welding belt. release. Flux immersion, simple maintenance. temperature climbing gentle, small thermal impact, effectively reduce the cell debris rate. 1. Equipment Introduction.

SW-A4000 Automatic Solar Cell String Welder . Brief description : For series welding of crystal silicon solar cells. Get The Technical Manual. Technical Parameter. 1 Compatible with 156-230mm, 5BB-20BB cells. 1 Compatible with conventional welding strip and round welding belt. 1 Camera visual positioning and detection, manipulator classification and handling and release. 1 ...

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