

Upgrade of single crystal photovoltaic panel string welding machine

Which solar cells can be soldered with ecoprogetti Stringer machines?

Ecoprogetti's stringer machines are designed to work with all the solar cells available on the market (from 166mm to 210 mm), full and half cut. The best soldering output with minimal stress given to the solar cells, realizing high-quality photovoltaic modules with minimized breakages during the transformation process.

What is a solar Stringer machine?

The solar stringer machine is used to solder solar cells together with the use of bus bars into forming strings. This category of assembly equipment is one of the most sensitive since the soldering of the connections is what enables the photovoltaic module to transmit electricity.

What is a solar Tabber Stringer machine?

The best soldering output with minimal stress given to the solar cells, realizing high-quality photovoltaic modules with minimized breakages during the transformation process. The solar tabber stringer machine is used to weld solar cells to strings.

Why should you buy a solar Tabber & Stringer?

By purchasing a solar tabber and stringer, your company will reduce working time and maximise performance of the entire photovoltaic module manufacturing line. Ecoprogetti Srl offers its customers the ET700 3B solar tabber and stringer, a high performance machine with a welding capacity of 720 cells/hour (for strings of 10 cells measuring 156 mm).

How does a photovoltaic module manufacturing line work?

The first phase in a photovoltaic module manufacturing line is joining the solar cells, which is done by a solar tabber and stringer, a totally automatic machine able to optimise the very delicate phase of stringing and tabbing.

Why should you choose Tabber & stringer for PV module production lines?

Tabber & Stringer for PV module production lines. Our combined Tabber & Stringer machines are accurate, reliable and easy to operate. Our proven technology, combined with a modular design and advanced features are key factors for a very low Total Cost of Ownership and high productivity.

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The OSLB-1300 BC String Welding Machine introduced in this document is not only suitable for welding BC series battery strings but also compatible with various battery types such as Multi-Busbar (MBB), Passivated

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Emitter and ...

Whether you need additional training, spare parts supply, remote assistance, warranty extension or to upgrade your production machines you can count on Argus's after-sales support. The upgrades are not limited to ...

Panel type: Single-glass, dual-glass and shingled: Cycle time: ≤ 22 s: Stored J-box number: 120 sets: ... improving welding precision; CCD inspection to check the soldering performance; ... from glass loading equipment at the beginning to ...

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5.3 String Welding the Solar Panel 5.3.1 String Welding Procedures during Solar Panel Production. Follow these procedures when string welding a solar panel: Check for the defects on the cell. These include improper angle, lack of edge, ...

An automatic bussing machine adopts induction welding and can be applied to 5BB-12BB solar cells of 156-210mm. The bussing machine features a small size and is suitable for safe and ...

PV Cell Stringer Layup Machine with Robot is used to achieve solar string automatic laying on glass EVA, and transporting module to the next process. - We provide solar panel production line, full automatic conveyor with full automatic ...

String welding process: String welding is an important part of the photovoltaic industry. A single piece that has been welded well is placed on a string welding table, with the positive electrode ...

ConfirmWare Tabber & Stringer - Born For Higher Output. The most critical figure in the entire production line -- tabber and stringer machines attaches and solders ribbons on the photovoltaic cells IBC, MBB, and various busbars, ensuring ...

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.

Solar Cell Laser Cutting Machine 1 . 3 . Solar Cell Tester 1 . 4 . Solar Panel Tester 1 . 5 . Solar Panel EL Defect Tester 1 optional . 6 . Semi Automatic Solar Panel Framing Machine 1 . 7

166 182 210 Full Automatic Pv Bussing Machine Solar Cell Strings Welding Machine Machine Function. Adopt the method of separating the cell string from the glass, and grab the cell string in the air, then to interconnected solder the ...



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