



# Photovoltaic cell string welding package

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.

What is ecoprogetti et700 3B solar Tabber & Stringer?

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). Not only is the process very fast but also of excellent quality, thanks to the hybrid technology with hot air welding designed by Ecoprogetti Srl.

Why should you choose ecoprogetti welding?

Not only is the process very fast but also of excellent quality, thanks to the hybrid technology with hot air welding designed by Ecoprogetti Srl. The process is programmed on a touch screen: just a few touches to set the entire cycle and begin large scale production.

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.

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 ...

PV String Layup and Bussing Machine. Junction Box Welding Station. Low Pressure Chemical Vapor Deposition (LPCVD) Machine . Laser Enhanced Metallization Machine. Wafer Automation Pack Line. Wafer Automation Pack ...

Photovoltaic welding strip is also known as tin-coated copper strip, which is applied in the connection of photovoltaic module cells. The welding strip is an important raw material in the welding process of photovoltaic module. The quality of welding strip will directly affect the current collection efficiency of photovoltaic module, so it has a great impact on the ...

This package can also be formulated with a full-time on-site technical presence. Argus's qualified technicians have years of experience in the photovoltaic sector and can guarantee timely technical feedback both for the ...

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 that the cells are aligned and function properly on the completed photovoltaic

module.

AM050F Stringer Machine MBB cell stringer machine of AM050F is a crystalline silicon solar cell string production machine combining functions of soldering and lossless cutting. Discover more; Auto Bussing Machine An automatic bussing machine adopts induction welding and can be applied to 5BB-12BB solar cells of 156-210mm. The soldering ...

Solar cell stringer machines are efficient and automatic soldering equipment for serial connection of solar cells into strings. The soldering machine applies infrared soldering and automatic cutting to different solar strings. The cut strings will undergo the electrical test and appearance inspection. The defective strings will be returned to ...

Precisely cut complete solar cells into smaller pieces as required. Stringe the sliced solar cells into strings through an automated welding process. Cut Solar EVA and TPT Backsheets to the required sizes based on the solar panel glass ...

Solar photovoltaic (PV) modules consist of solar cells connected in series to provide the required output power. The solar PV system is experiencing major challenges, which are mainly due to the ...

The automatic PV string welder is a fully automatic machine for welding PV solar cells. This equipment is the first step in the production line and one of the most important equipment in the whole PV module production line.

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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.

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For solar module manufacturers, regardless of size, string welding machines are essential equipment. Its advanced welding technology and stable performance provide strong support ...

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