

Photovoltaic module soldering machine manufacturer direct sales



Overview

SOLAR/PV EQUIPMENT – SemiphotonOur automated Solar/PV modules production line includes a NPC incorporated | Global leader of solar module We have accumulat.

Key Takeaways

Leading manufacturers like Semiphoton, Ecoprogetti, Horad, YiLi PV, and NPC offer direct sales of PV module soldering machines and turnkey production lines.Key Manufacturers and Offerings



1. Semiphoton Semiphoton provides fully-automated and semi-automated PV module production lines, including string soldering machines that use IR soldering for IBC, MBB, and various busbars. Their equipment integrates intelligent MES and defect detection systems to ensure high-quality output and consistent productivity. Semiphoton emphasizes precision in cell alignment and soldering, making it suitable for high-volume production lines . 2. Ecoprogetti Ecoprogetti, a European leader since 1998, delivers turnkey solar manufacturing lines covering stringing, lamination, centralized soldering, automated bussing, and J-box application. Their machines are compatible with TOPCon, PERC, HJT, and bifacial cells. The modular design allows capacity upgrades without rebuilding the entire line. They provide direct support, training, and ongoing maintenance for customers . 3. Horad Horad specializes in customized automatic PV panel production lines. They offer complete solar panel manufacturing equipment for global customers, including stringers and soldering machines. Horad focuses on intelligent production lines with R&D-driven design, ensuring efficient and high-quality module assembly . 4. YiLi PV YiLi PV provides turnkey production lines for capacities ranging from 15 MW to 1 GW, including stringers with real-time ribbon correction and IR lamp welding. Their machines support multiple ribbon diameters and busbar configurations, and they offer high-precision robots for automated string layout. YiLi PV also provides direct sales, training, and local after-sales service in regions like India and the U.S. . 5. NPC Incorporated NPC has over 30 years of experience in PV module manufacturing equipment. They offer direct sales of soldering machines and complete production lines, along with one-stop services covering R&D, design, procurement, quality control, and maintenance. NPC's equipment is suitable for global PV manufacturers seeking reliable turnkey solutions .

Considerations for Direct Purchase

- **Compatibility:** Ensure the soldering machine supports your solar cell type (PERC, HJT, TOPCon, bifacial).
- **Capacity:** Choose machines that match your production scale (MW/year).
- **Automation Level:** Decide between fully-automated or semi-automated lines based on budget and workforce.
- **After-Sales Support:** Look for manufacturers offering training, maintenance, and local service.
- **Customization:** Some manufacturers provide tailored solutions for ribbon types, busbar numbers, and cell sizes. These manufacturers provide direct sales and turnkey solutions, making it possible to acquire PV module soldering machines and complete production lines with integrated support and training.

Article Content

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Photovoltaic Module Manufacturing Equipment

Module Testing This product category includes a wide range of machines and accessories for testing the quality and

PV Module Production Line High Technical Auto Busbar Soldering Machine ...

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PV Module Stringer Machine | Solar Panel Soldering | Horad

MBB cell stringer machine is an automatic machine used for serial connection between crystalline silicon solar cells. The soldering

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