

SENNING SOLAR PRODUCTS - New and secure transport packaging and quality inspection for solar wafers and solar cells

THE COMPANY

Christian Senning Verpackungsmaschinen GmbH & Co. KG has specialized in handling equipment for Ingot, Si Bricks, Wafers, Cells and Modules. Our target is to supply machines that are compact and easy to use.

SENNING SOLAR PRODUCTS

The Senning Solar product range

The high breakage rate of wafers and cells is a serious problem in the solar industry. Up to now, they were packed into polystyrene boxes and usually fixed with foam. Through this inadequate securing there was a great danger of damage during transport due to vibrations, rubbing and side loads.



Senning has developed a system to minimize the breakage rate substantially.

We offer complete solutions for wafers and cells, i.e. from testing, sorting, packaging and cartonising to palletizing - providing a system from one source.

In addition, there is a solution to unwrap again, to separate and to integrate the products directly into the production process at customer`s site.

The system is of modular design. All machines are also individually available. This enables us to compose in each case the optimal solution for our customer.

BREAKAGE-PROOF WRAPPING OF WAFERS AND CELLS

The transport safe packaging of wafers and cells is of crucial importance. Senning Solar packaging systems for wafers and cells prevent slipping or rubbing against each other. All materials used for the packaging are recyclable and therefore non polluting.

Senning applied for a patent regarding this method of packaging.

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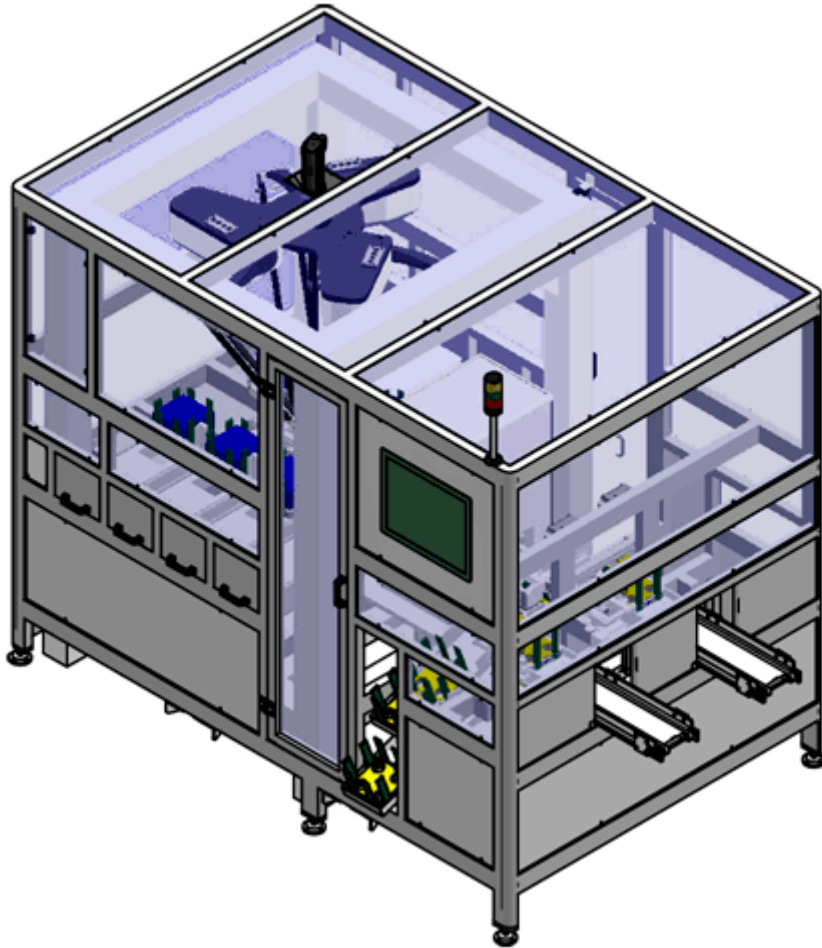
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phG: Bengs-Senning & Krah-GmbH
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QUALITY TESTING OF WAFERS AND CELLS



The testing of the wafers and cells directly after receiving is often a problem. However, due to the transport issue with a high breakage rate, immediate testing is of crucial importance for the receiver. For this reason, Senning Solar has developed a compact stand-alone system for quality inspection on arrival of the goods. This unit is available either as stationary or as mobile/movable unit.

For further information, please contact Jan Kuhnke, Division Manager Solar, jan.kuhnke@senning.de.

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