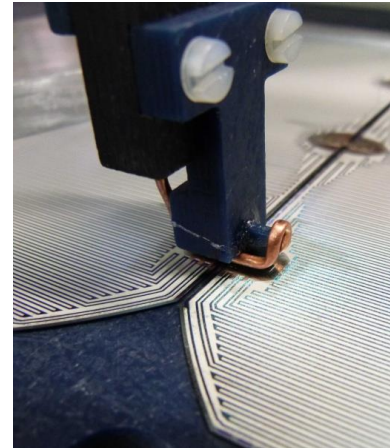
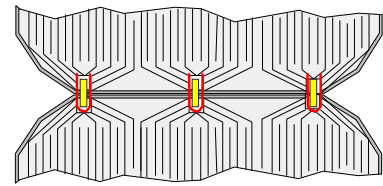
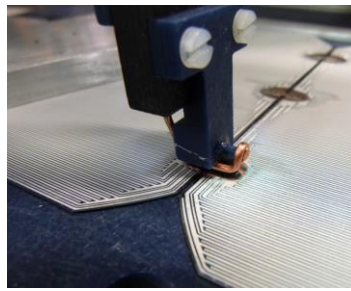
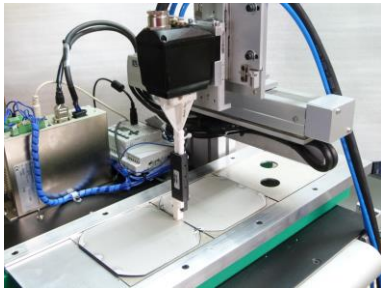


Semi-automatic stringer for SunPower cells



- *for SunPower BackContact cells*
- *contactless and accurate heat transfer*
- *reproducible soldering process*
- *high flexibility*
- *low cycle times by using temperature profiles*
- *low operating costs and low investment*

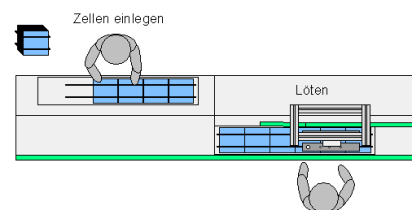
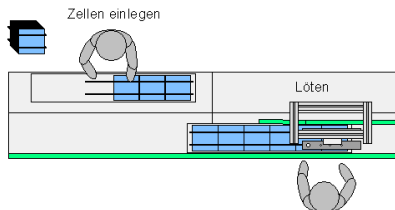
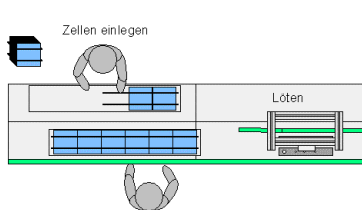
ATN-stringer for SunPower cells: cell contacting with *induction*



In the production of solar panels, the soldering for contacting the cells, is a quality-defining process: thin tinned copper ribbons are soldered to the printed contacts of the very fragile solar

With the ATN's manual stringer the critical soldering process is automat- ed. This causes reproducible solder- ing results with reliable quality. Only the handling is done manually.

This allows higher flexibility for pro- duction and lower investment costs.



Technical data

Cell dimensions	125x125 mm	<ul style="list-style-type: none"> - low cycle time - the cell is heated up only once (top and bottom side simultaneously) - without mechanical stress - reproducible process - easier work (manual soldering is difficult and requires high skills) - the same process as in mass production
Cell thickness	160-300 µm	
solder joints per cell	3*	
Max. string length	flexible	
Flux supply	manually	
Dimension basic unit	1.500x700x800 mm	
Dimension incl. table extension	e.g. 3.000x700x1.500 mm	
Power supply	4 kW / 6 kW*	

* optional 3rd emitter

Induction Soldering System



soldering tool



HF-Generator



Controller



Cooling

Rev. 06/2016
Specifications
subject to change
without notice.



®

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