



RIMAS

SOLAR
PRODUCTION SYSTEMS



6.

Side equipment

RIMAS side equipment completes the module manufacturing line. RIMAS offers smart solutions to improve line yield, to reduce the operator costs and to assure a more constant product quality

Examples of side equipment are ribbon cutting and bending, **SILICON DISPENSING** and label printing

Besides this RIMAS develops custom solutions to customer requirements

SILICON DISPENSERS



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SILICON DISPENSING

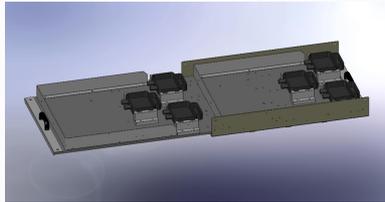
JUNCTION BOX

Junction boxes for the PV-industry require silicone for proper mounting on the module. Manually applying the silicone can be slow and messy.

Automatic silicon dispensing avoids this messy operation and makes sure the application is done exactly right each time.

JUNCTION BOX DRAWER

Junction boxes can be placed on a drawer, this allows for a continuous production. The junction boxes with silicone are placed on the modules and new junction boxes are placed on the part of the drawer outside the unit. The junction boxes on the part of the drawer in the unit are being processed in parallel to guarantee a continuous production.



Junction box drawer

CAPACITY

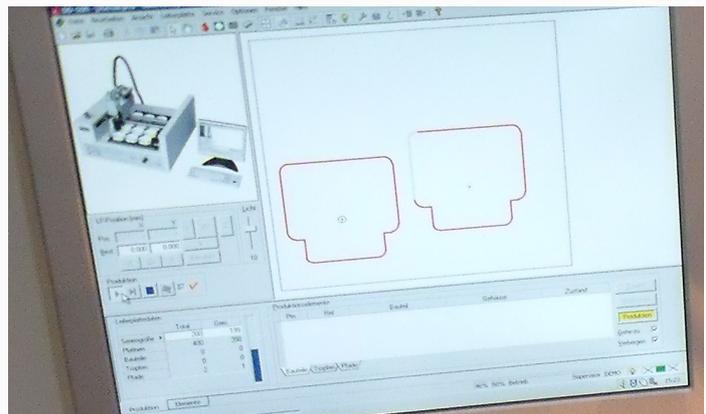
Depending on the design, up to 100 JB per hour.



Pneumatic pump for silicon delivery out of a pail. Several options available e.g. low level detection in the pail.



Applying silicon at the backside of the junction box



Exactly following predetermined contours

The amount can be set and adjusted easily, at always the same amount all around each junction box.

The unit is easy to program for every type of junction boxes. The unit is compact unit and can be placed close to the production line.

FRAMING PROFILES

Automatic silicon dispensing is also applicable for framing profiles. In a separate unit close to the framer, automatic kit dispensing units can be integrated.

In the FRAMING SOLRIF product leaflet, you can see an example of such a solution.



**FULL
TURN KEY
MODULE LINES
5-50 MW**