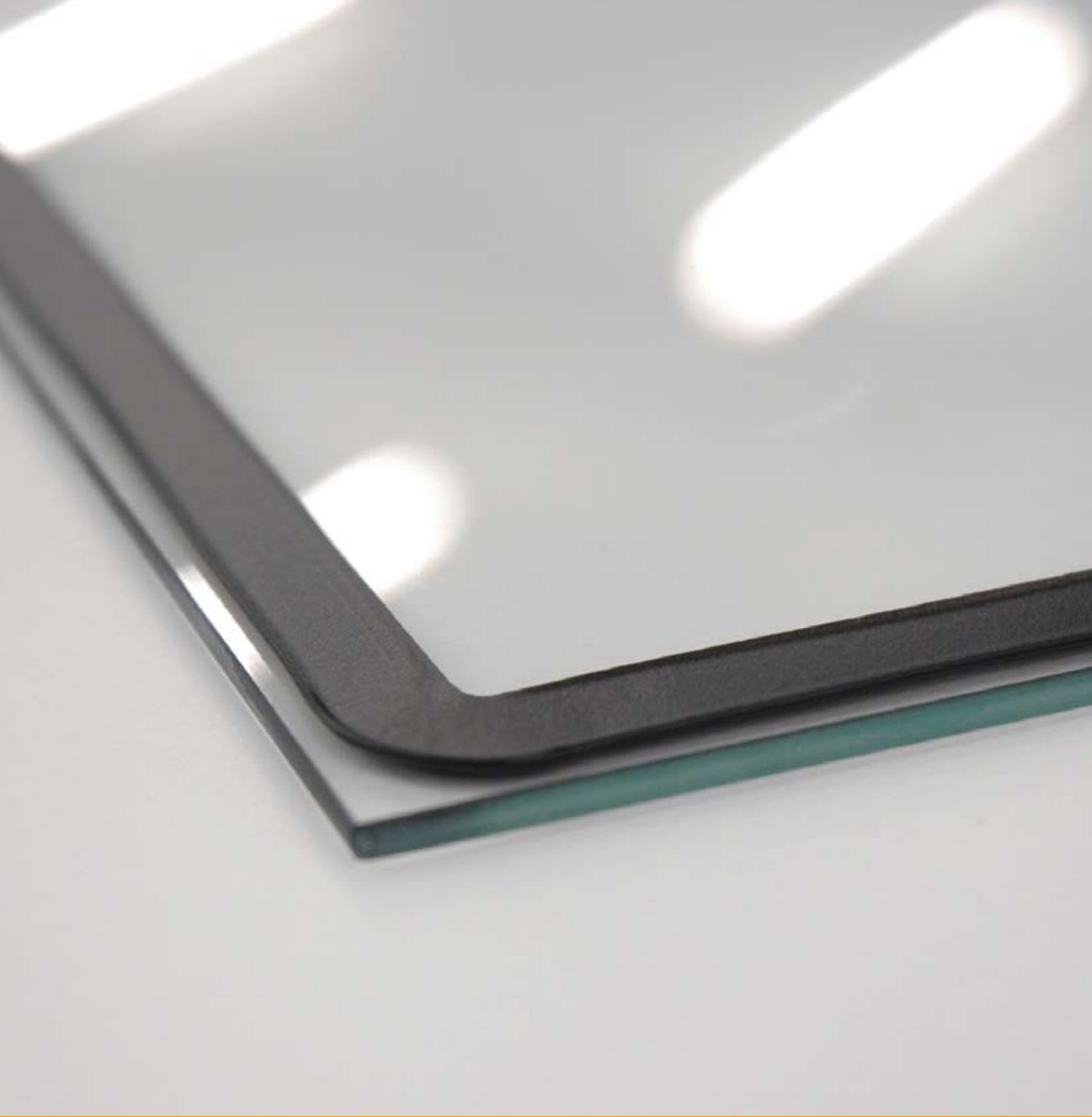




Hotmelt Sealing

Fit for the future, with a hotmelt sealing machine from Komax Solar.

komax SOLAR



Hotmelt Sealing

The new hotmelt sealing system from Komax Solar offers three big advantages: improved adhesion, higher accuracy and lower production costs.

Area of application

On the fully automatic hot melt sealing machine, a flat viscous track of high viscose butyl is applied directly from a barrel onto the substrate or cover

glass. This track of butyl seals the module following lamination, reliably protecting the sensitive solar module from moisture.

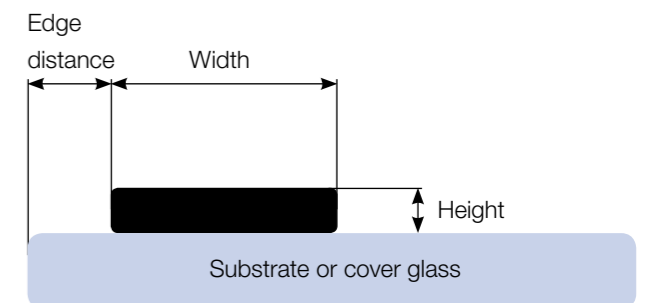
Machine design

In the new hotmelt system from Komax Solar, the butyl is no longer extruded onto a liner but directly onto the glass. This approach eliminates one processing step and reduces material costs. The direct application of the butyl increases the accuracy and opens the way to the use of a simpler foil cutting and marriage system. Applying the butyl hot increases its adhesion to the substrate and ensures better protection of the module from moisture.



Freely selectable shape of the butyl track

In the hotmelt dispensing system, the geometry of the butyl track can be actively controlled during application, so projecting ribbons can be reliably sealed, for example, as required for separated junction boxes. The corners can also be designed with different geometric features (continuous, overlapping, struck). This ensures an optimum product for further processing in the laminator.



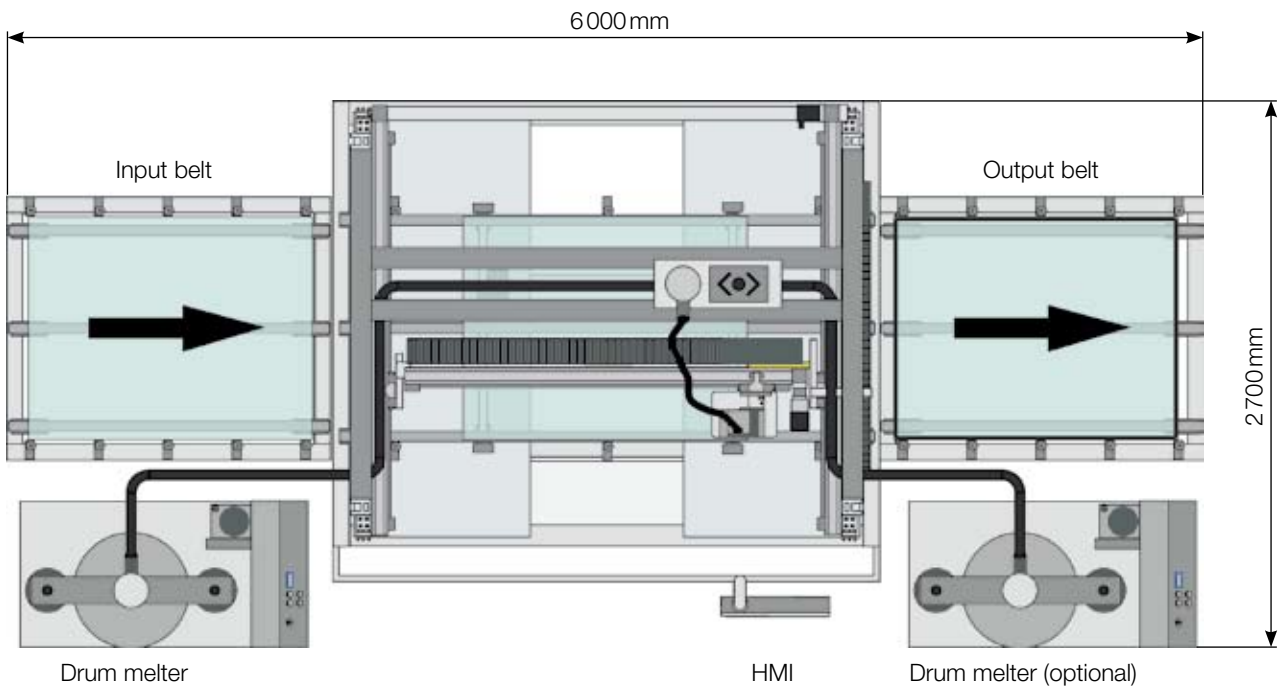
User friendly design

The sealing systems from Komax Solar have a user friendly design. Vertically opening safety doors and a sliding operator's panel make for optimum accessibility. System setting and periodic rinsing of the nozzle (conditioning) are carried out fully automatically. The rinsed-out butyl is collected in a container. A drawer mechanism makes it convenient to remove. The system autonomy is also increased many times over that of butyl tape thanks to direct application from the barrel.



Options

The hot melt sealing system from Komax Solar is available in different models.



Technical data

Cycle time	< 30s
Dimensions (W×H×D)	6 000 × 2 300 × 2 700 mm
Operations	Graphical user interface with touch panel
Electrical connection	3 × 400V 10kVA / 13kVA

Komax AG
Riedstrasse 18
6343 Rotkreuz
Switzerland
Phone +41 41 799 45 00
info.rok@komaxsolar.com
www.komaxsolar.com

Your benefits:

- Ultra-precise application of butyl
- Freely selectable corner geometry
- Track geometry adjustable during application
- Non-contact height regulation
- Good adhesion
- Tandem system as option
- High degree of autonomy
- User friendly design
- Compact design

Komax Solar is your contact partner for all backend needs. The Photovoltaic Competence Center in Rotkreuz offers you solutions for reliable, ultra-precise thin-film technology. Please contact us!