I’m Carlo Semeraro, Sales Manager at Absolicon. My goal is to reduce CO2-emissions for industries without losing their growth, with long lasting, cost efficient solar thermal technology. If you have any question about our production line contact me on Linkedin or mail me at: carlo.semeraro@absolicon.com

1. Loading of shaping elements
   Back ribs are loaded into the fixture wagon. In parallel, a reflector sheet is automatically prepared.

2. Mounting of reflector
   An industrial robot applies glue and the reflector sheet is loaded into the collector.

3. Mounting of receiver
   The receiver holder and the selectively coated receiver tube are mounted.

4. Mounting of glass
   An industrial robot applies glue and mounts the durable self cleaning glass.

5. Curing of glue
   The glue is cured in the oven to attain full strength with complete replicability.

6. Verification
   The solar collector is optically verified before mounting of final components.

Semi-automated high-precision production
Controlled by a Siemens control system and hosts two robotic cells equipped with six-axle ABB robots.