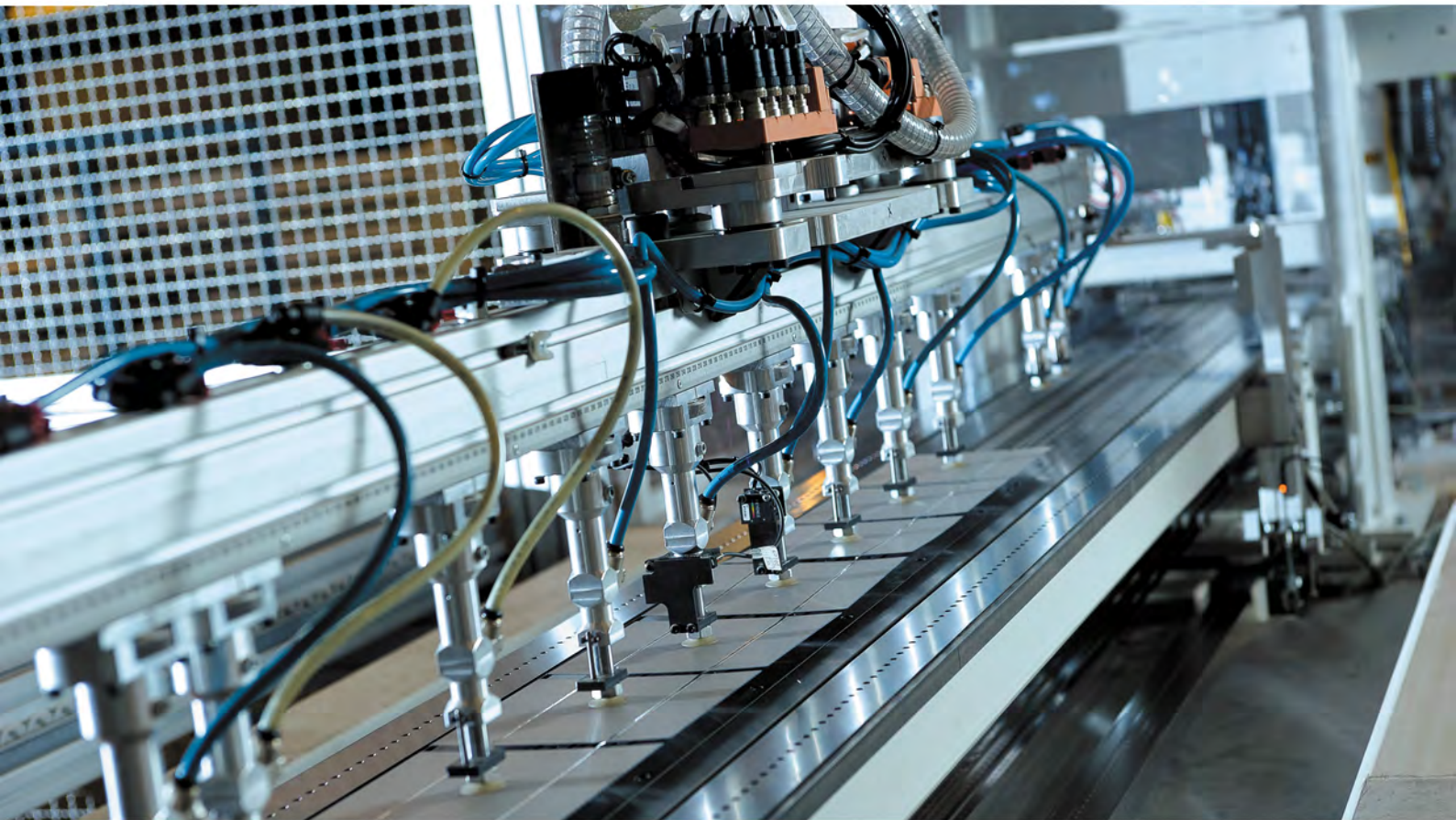


DEVELOPMENT OF PHOTOVOLTAIC PRODUCTS & PROTOTYPING



Get your prototypes and first product runs.



Soltech designs photovoltaic panels for specific commercial, industrial or architectural applications. Soltech produces and delivers operational prototypes as well as the first production runs in its factory in Belgium. Upon approval of the prototypes, Soltech will recommend the best manufacturers to undertake final mass production, if so required.

More than 20 years of experience and know-how...

First of all, we establish with your team the specifications of the desired photovoltaic product. After the successful evaluation of the technical feasibility and with an NDA in place between the parties, a schedule and a financial quotation will be prepared.

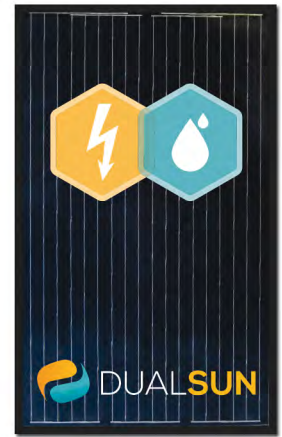
The main stages of the project will be:

- Design of the photovoltaic panel (drawings, technical specifications and datasheets)
- Manufacturing of the prototype
- Flash testing to check the electric performance of the photovoltaic panel
- Optional testing in external laboratories supervised by the Soltech engineers (mechanical strength, moisture resistance)
- Testing of the panel undertaken by the customer
- Dimensioning of the complete photovoltaic system (optional)

The prototype is delivered with a complete report of the test results and with any opinions for improvement from Soltech's technical team. The development time of a product can vary widely according to its complexity, from 8 hours up to 18 months...

Examples of R&D projects

- Interconnection of solar cells
- Study of materials of encapsulation
- Optimisation of the performances and the reliability of panels
- Patent on the inter-connection of back-contact cells



Dualsun - Solaire 2G thermal / photovoltaic hybrid solar panel



KoraSun® - Koramic panels for tile roof



Solesia - Eternit panels for slate roof

