

## Press release

**Date:** 24<sup>th</sup> June 2024

Demand-controlled power generation / 7200 square metre rooftop photovoltaic system / 1000 kWp operating output / 3600 solar modules / Reliable delivery service, too, thanks to independence from energy suppliers

### **The Roto production site in Lővő generates its own power**

***Leinfelden-Echterdingen*** – Following a year-long planning phase, at the beginning of June this year Roto Elzett Certa Kft. put into operation a rooftop photovoltaic system with an output of 1000 kWp (kilowatt peak). It covers around 30 per cent of the plant's annual electricity requirements and operates on demand. The operating output is comparable to the average annual electricity consumption of around 300 Hungarian households.

The PV system's 3600 solar modules cover a total area of around 7200 square metres. This is roughly the size of a football pitch. During installation, around 35 kilometres of cable were laid on the plant's multi-level flat roof. The work was carried out by a specialist company based in Hungary, Innovart Energia Kft.

### **Using renewable energy**

The commissioning of this PV system, which is in line with the Roto Group's sustainability strategy ([ftt.roto-frank.com/en/sustainability](https://ftt.roto-frank.com/en/sustainability)), is part of a package of measures by Roto Frank Fenster- und Türtechnologie GmbH (Roto FTT) that includes the entire FTT plant network, as Production Director Dr Stefan Thiernemann describes. "We want our production processes to be sustainable and are therefore forging ahead with the use of renewable energy at our 18 production sites and 31 logistics distribution centres worldwide." By reducing the ecological footprint of its own products, the architectural hardware and gasket specialist is also helping its customers to achieve carbon neutrality.

Ernő Kocsis, Managing Director at Roto Elzett, emphasises the site's contribution to the Roto Fenster- und Türtechnologie network. "As the largest plant in our Group, we are particularly committed to conserving resources. I am therefore all the more pleased that we are fully utilising the opportunities that we have here in Hungary to generate our own electricity. This not only safeguards our production department by making us independent of energy suppliers, but primarily guarantees a reliable delivery service for our customers."

### **Diverse production site**

The Hungarian production location, which went into operation in 1996, is on a plot that is around 140,000 square metres in size. The plant, which employs around 700 people, manufactures hardware for Tilt&Turn windows and Sliding systems.



Self-sufficient power supply: the 7200 square metre rooftop photovoltaic system, commissioned at the beginning of June this year, covers around 30 per cent of the annual electricity requirements at Roto Elzett Certa Kft. The plant in Lővő, Hungary, which opened in 1996, is an important location in the production network of Roto Frank Fenster- und Türtechnologie GmbH.

**Image:** Roto Elzett Certa Kft.

**Roto\_FTT\_Lővő**



Jointly designed and commissioned the rooftop photovoltaic system of Roto Elzett Certa Kft., pictured from left to right: Konrád Baranyai (Purchasing Roto Elzett), Ernő Kocsis (Managing Director Roto Elzett), Zoltán Lőránt (Project Manager Innovart Energia Kft.), Ádám Németh (Operational Manager for Grid Development, E.ON) and Ákos Szendrő (Managing Director Innovart Energia Kft.).

**Image:** Roto Elzett Certa Kft.

**Team\_PV\_system\_Lővő**



The commissioning of this photovoltaic system at the Hungarian production site in Lővő is part of a package of measures by Roto Frank Fenster- und Türtechnologie GmbH (Roto FTT) that includes the entire plant network of the architectural hardware and gasket specialist with 18 production sites worldwide, as Roto FTT Production Director Dr Stefan Thiernemann describes.

**Image:** Roto Window and Door Technology

**Stefan\_Thiernemann.jpg**

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