

# FRIWO

Electronic Manufacturing Services

## Full service from a single source

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# EMS with precision and reliability

Electronic Manufacturing Services (EMS) are much more than just contract manufacturing. They enable companies to outsource their electronics production without compromising on quality, flexibility or control. At FRIWO, we combine decades of experience with state-of-the-art manufacturing technologies to guarantee you reliable and efficient production.

Outsourcing production has many advantages: you can concentrate fully on your core competencies while we take care of production with the highest precision and to European standards. There is no need to invest in expensive production facilities and at the same time you benefit from flexible scalability of your quantities - from prototypes to series production.

With FRIWO as your partner, you get **full service from a single source**: from assembly and installation to comprehensive quality tests. We rely on the **highest manufacturing standards**, state-of-the-art testing methods and sustainable production processes.

# This makes FRIWO your ideal partner

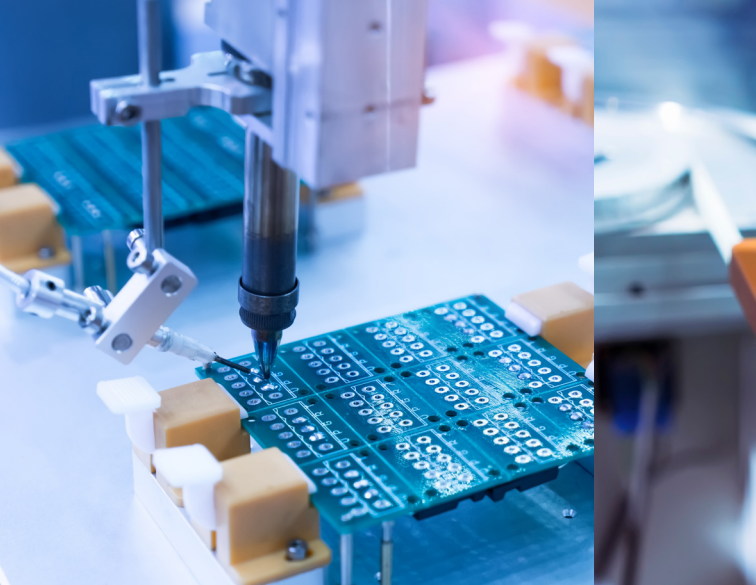
Anyone using EMS needs a partner who can ensure quality and cost-effectiveness over the long term. This is exactly where FRIWO comes in - with our decades of experience in the development and production of electronic solutions, we offer **European precision with the advantages of an Asian production site.**

Our factory in Vietnam combines **German manufacturing expertise with efficient production conditions.** Under German management and to accordance with strict European standards, we manufacture complex assemblies, devices and complete systems - efficiently, cost-optimised and with maximum process reliability.

## **Your advantages with FRIWO:**

- **Advanced production technologies** – SMD and THT assembly, reflow soldering, wave soldering and more.
- **Highest quality standards** – ISO 9001, ISO 13485, IATF 16949 and strict internal quality controls.
- **Sustainable processes** – Environmentally friendly production in accordance with REACH and RoHS standards.
- **Complete service** – from material procurement to production and testing, all from one source.

With FRIWO, you gain a partner who ensures the highest quality, efficiency and long-term success beyond production.

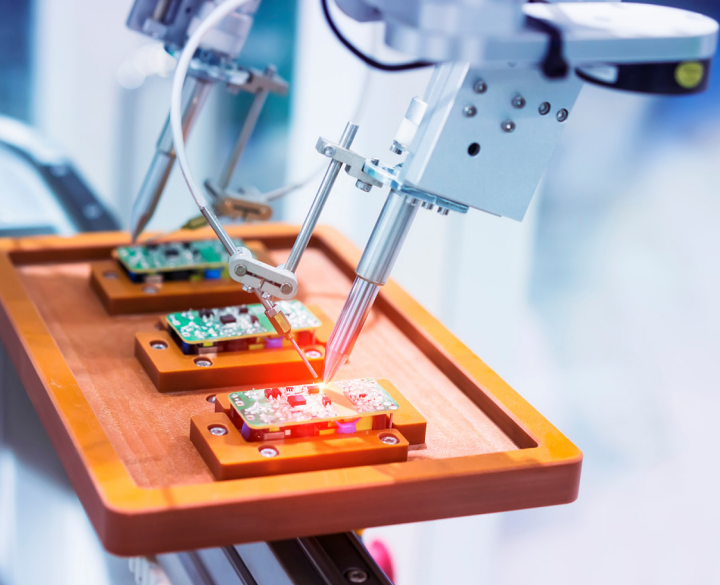


## Discover our EMS services and experience seamless manufacturing

FRIWO offers a wide range of EMS services that are customised to your individual requirements. Our service portfolio includes:

- **Prototyping & Testing** – Fast sample production for smooth series production.
- **Industrialisation & Manufacturing** – Efficient and scalable production at the highest level.
- **Assembly & final inspection** – Complete assembly and quality control for maximum reliability.
- **Supply Chain Management** – Optimised material procurement and logistics for stable production.
- **After-Sales-Support** – Continuous support for long-term success.

Using the latest manufacturing technologies such as **3D AOI, X-ray inspection, ICT tests, high-voltage tests and selective coating**, we guarantee the highest quality and reliability. We also offer **firmware programming, pad printing and laser engraving** for customised solutions.



## Highest quality and technological excellence by FRIWO

Quality is a top priority for FRIWO. Our production in Vietnam follows European standards and uses the latest technology - with strict testing of each batch to ensure consistently high quality.

We offer complete traceability through all processes thanks to comprehensive quality assurance measures. This includes the storage of test data, process interlocks and detailed assessments assessments such as FMEA and PPAP.

Our certifications speak for themselves:

- DIN EN ISO 9001:2015
- DIN EN ISO 14001:2015
- DIN EN ISO 13485:2021

Our state-of-the-art production facilities with ESD protection, automated painting and vacuum moulding guarantee the highest quality. With FRIWO, you can rely on **proven excellence and decades of EMS experience.**

# Let's discuss together your ideas and projects!



## Our Shop

A complete overview of our  
products can be found at  
[www.friwo-shop.com](http://www.friwo-shop.com)



## Our Website

Discover our solutions  
[www.friwo.com](http://www.friwo.com)



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**FRIWO Gerätebau GmbH**

Von-Liebig-Straße 11

48346 Ostbevern ■ Germany

[www.friwo.com](http://www.friwo.com) ■ [hello@friwo.com](mailto:hello@friwo.com)