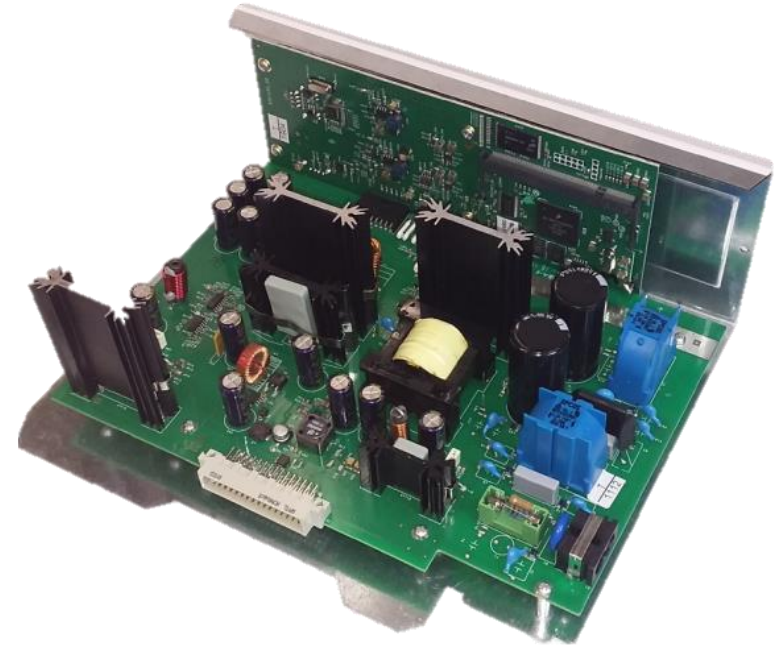


FRACARRO TUNISIE

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FRACARRO
TUNISIE

GRUPPO FRACARRO



FRACARRO Tunisie
Electronic Manufactory Service



FRACARRO
Research & Development



Logistic

FRACARRO France
Commercial

FRACARRO UK
Commercial

LATAM
Latin America

EMEA
Europe middle east

APAC
Asia Pacific Region

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FRACARRO Tunisie. The history

- 1990 Foundation.
- 2000 ISO 9001 certification.
- 2009 Beginning of high-tech production for Fracarro.
- 2014 Production of high technological solutions for OEM clients.
- 2020 Complete departments reserved to the customer.

FRACARRO Tunisie. The numbers

250

EMPLOYEES

More than 30 years of

EXPERIENCE

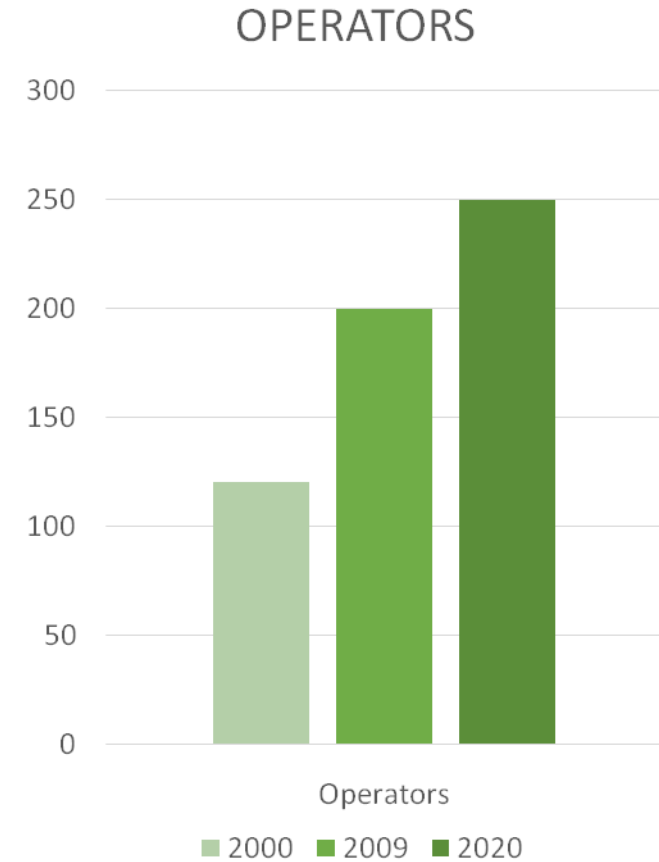
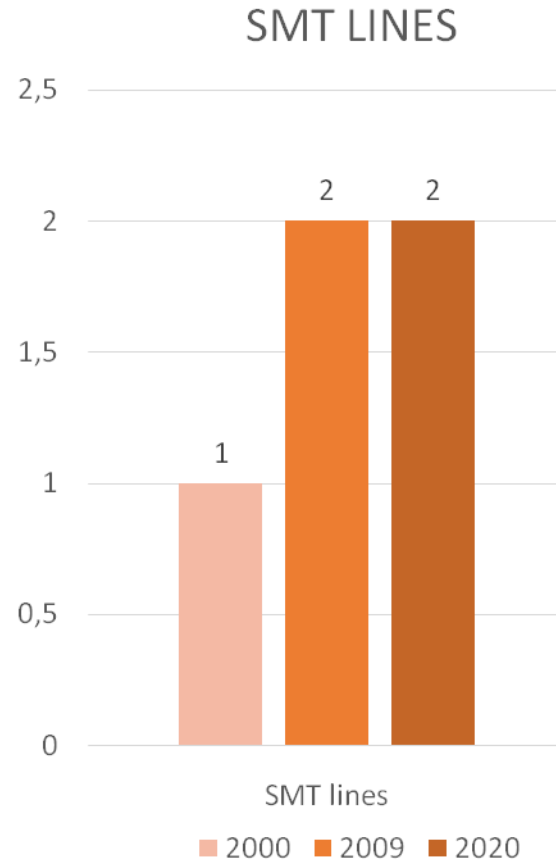
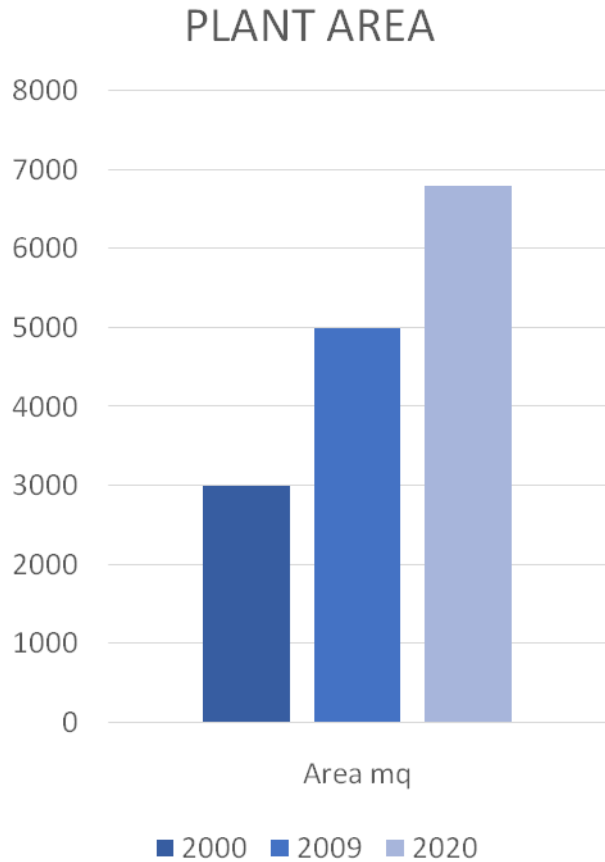
6800 m²

AREA

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FRACARRO Tunisie. Plant extension



Our clients



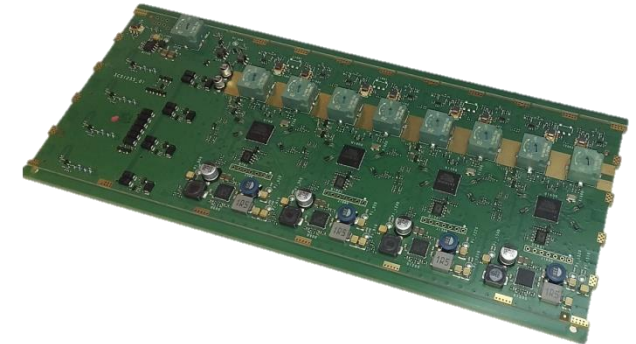
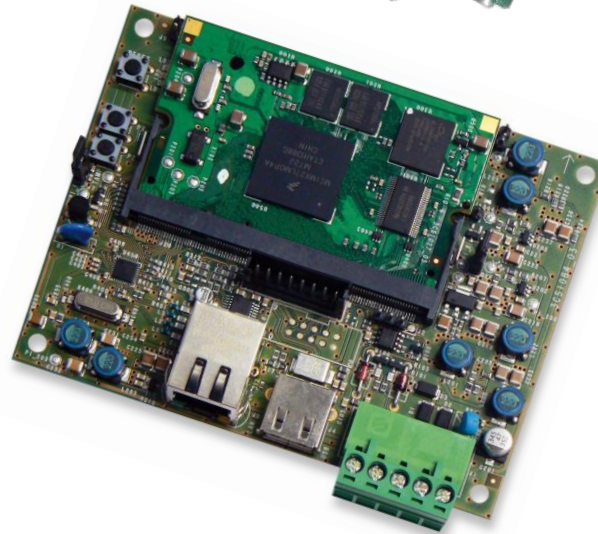
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Electronic manufacturing services

FRACARRO Tunisia offers electronic manufacturing services including CMS, manual insertion, lead-free wave soldering as well as coating, potting, varnishing, assembly mechanical and functional test.

Assembly of any type of component : 0201, 0402, 0603, 0805, QFN, QFP, BGA boxes, with glue polymerization technology and solder paste reflow technology : FRACARRO Tunisia provides a complete service for its customers and partners.

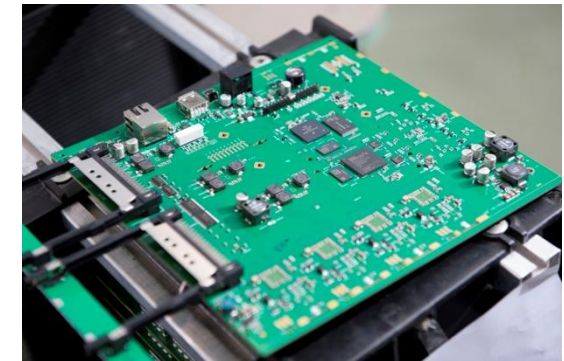
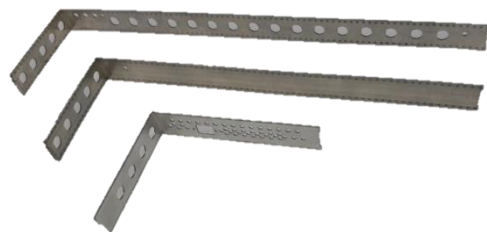


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Manual insertion and assembly

Lines for the manual insertion of PTH components with a SEHO wave solder, equipped with a lead-free tin solder bath. To achieve the best time performances.



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SMT process description

Surface mount technology (SMT) is an assembly and production method that applies electronic components directly onto the surface of a printed circuit board (PCB). This process allows for automated production to complete more of the required assembly to create a working board.



Printing



SMD
placement



PCBA
buffer



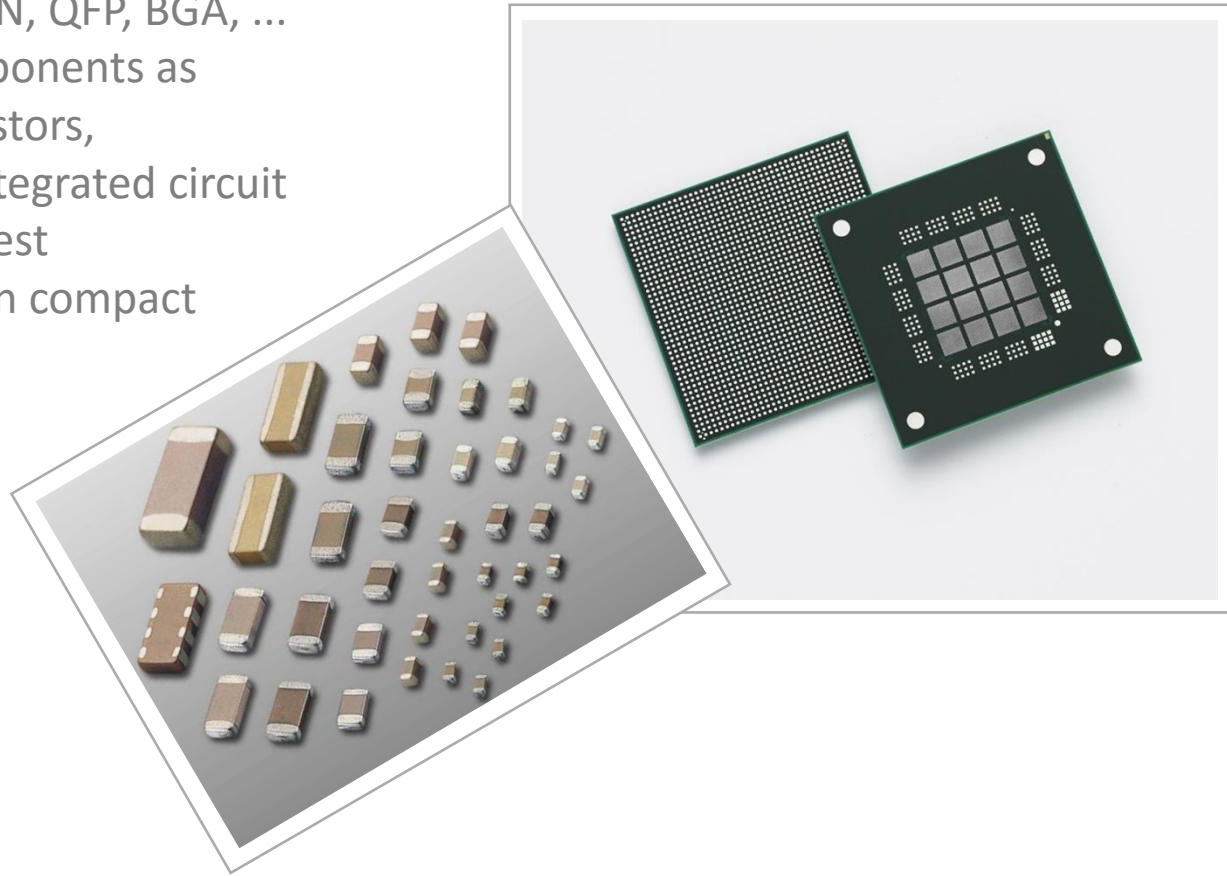
Reflow /
glue



AOI Inline
inspection

Component Placement Capability

Assembly of all types of 0201, 0402, 0603, QFN, QFP, BGA, ...
Thousand components as capacitors, resistors, inductances, integrated circuit to realize the best performances in compact dimensions.



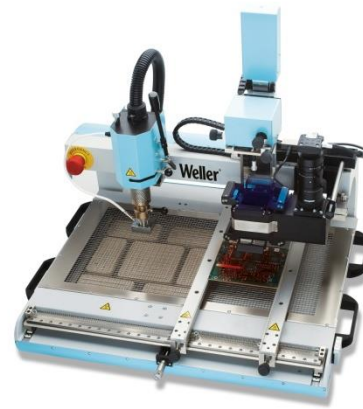
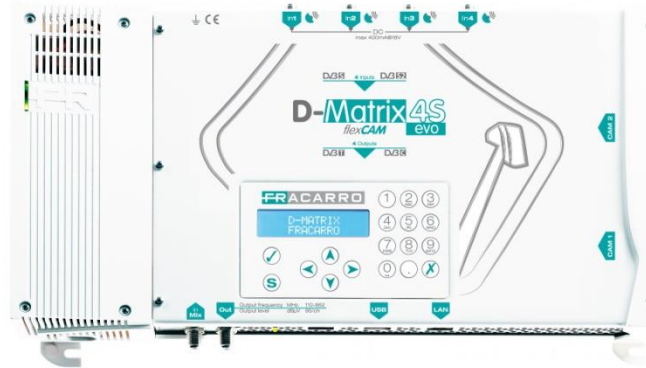
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Full service provider for customers and partners

FRACARRO Tunisia guarantees a complete service to its customers, ranging from the purchase of raw material to the functional test and final packaging of the finished product.

Internal quality control allows us always have the highest quality. The ability to verify through x-ray and rework the boards allows maximum production efficiency even with components with SOTs such as QFN, QFP, BGA, etc



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Full service provider for customers and partners

Here are some examples of our high tech products.



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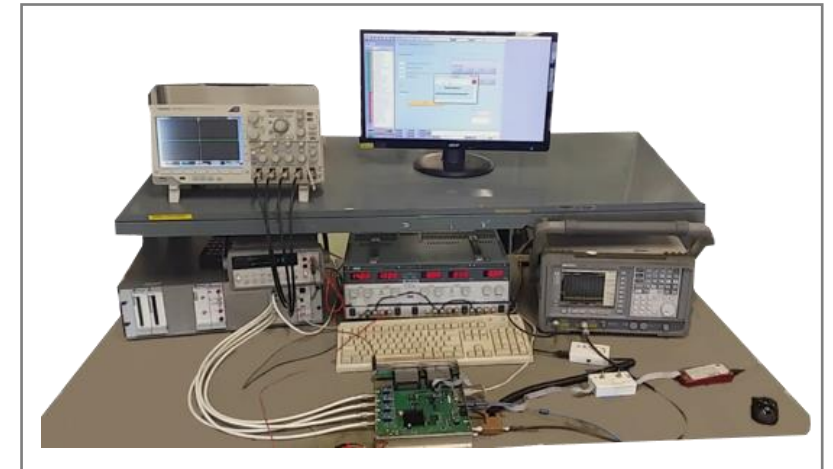


Full service provider for customers and partners

FRACARRO TUNISIE

A complete manufacturing service

- Automatic assembly.
- Manual assembly.
- Micro controller programming.
- Functional test.
- Automatic product tests.
- Products set up.
- Packaging.



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Certifications

FRACARRO Tunisia was one of the first companies in North Africa getting ISO 9001 certification.



Our facility is fully compliant with the RoHS Directive and the regulation 2002/95/EC.



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Mechanical manufacturing

FRACARRO Tunisia's mechanical manufacturing department takes care of sheet metal cutting and cold stamping work. Able to realize metal chassis, metal frame separators, high efficiency screening chassis.



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Mechanical manufacturing

Equipped with 4 mechanical presses

- 100 Tons BalConi press,
- 50 Tons ROSS press
- Two 40 Tons MIOS press.

These presses allow the internal realization of frames, chassis, using shearing and step molds.



Logistics stores

The raw material and finished product stores cover an area of 1600 square meters.

The raw material and finished products is guaranteed by the use of the SAP management program.

The Inventory, finance, HR, manufacturing, supply chain, services, procurement management is ensured by ERP SAP (Enterprise Resource Planning).



Logistics stores

Our perfect organization, good space management and the presence of a SAP ERP allow us to apply FIFO rules and index all items by reference, part number, quantity and location.



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Logistics stores

FRACARRO Tunisia perfectly manages internal and external logistics with various departures and arrivals. The plant is easily accessible thanks to its location and road network.



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Location

FRACARRO Tunisia is located in Tunis, 20 minutes from Tunis Carthage airport and half an hour from the commercial port of Rades. The main naval routes allow goods to arrive in Europe in a few days.



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Thank you for your attention.

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**Thank you
for your attention**

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