

SEMICONDUCTOR SYSTEMS BATCH PROCESSING

*R&D / PILOT PRODUCTION FURNACE
MASS PRODUCTION FURNACE
SERVICES & ROBOTICS*



EQUIPMENT PORTFOLIO



MEMSLAB

R&D / PILOT PRODUCTION PECVD Platform up to 200mm Wafers

- Batch-type PECVD furnace
- Direct plasma, low RF
- Pin mark free, excellent uniformity
- Horizontal wafer process
- Up to 25 wafers per batch
- Multiple layer deposition possible
- In-situ cleaning



TUBESTAR

R&D / PILOT PRODUCTION HORIZONTAL Furnace up to 200mm Wafers

- Batch-type tube furnace
- Diffusion, LPCVD, Oxidation, LYDOP™
- 1-4 independant tubes
- Up to 100 wafers per tube
- Ideal for process engineering
- Small footprint
- Manual or automatic loading



DF-SERIES

MASS PRODUCTION Furnace up to 200mm Wafers

- Batch-type production furnace
- Diffusion, LPCVD, Oxidation, LYDOP™
- Up to 4 independant tubes
- 50-400 wafers per tube
- Best in-class uniformity
- Automatic loading



SERVICES

ECM is engaged in the continuous improvement of its products and services. We are offering the latest innovations and solutions until the end of life of your furnace, providing an optimal use of your machine thanks to a wide range of services :

- Trainings
- Predictive maintenance
- Spare parts
- Retrofit
- Remote maintenance
- Second hand furnaces

ROBOTICS



ECM Robotics division has the capacity to integrate and manage all kinds of robots for a wide range of applications. Its expertise and services capabilities ensure the successful integration of robots in your production lines :

- Large choice of robots integration
(Cartesian, articulated, scara, parallel, collaborative)
- Design within virtual reality
- 2D and 3D vision systems
- Autonomous vehicles: AMR and AGV
- Additive manufacturing prototyping

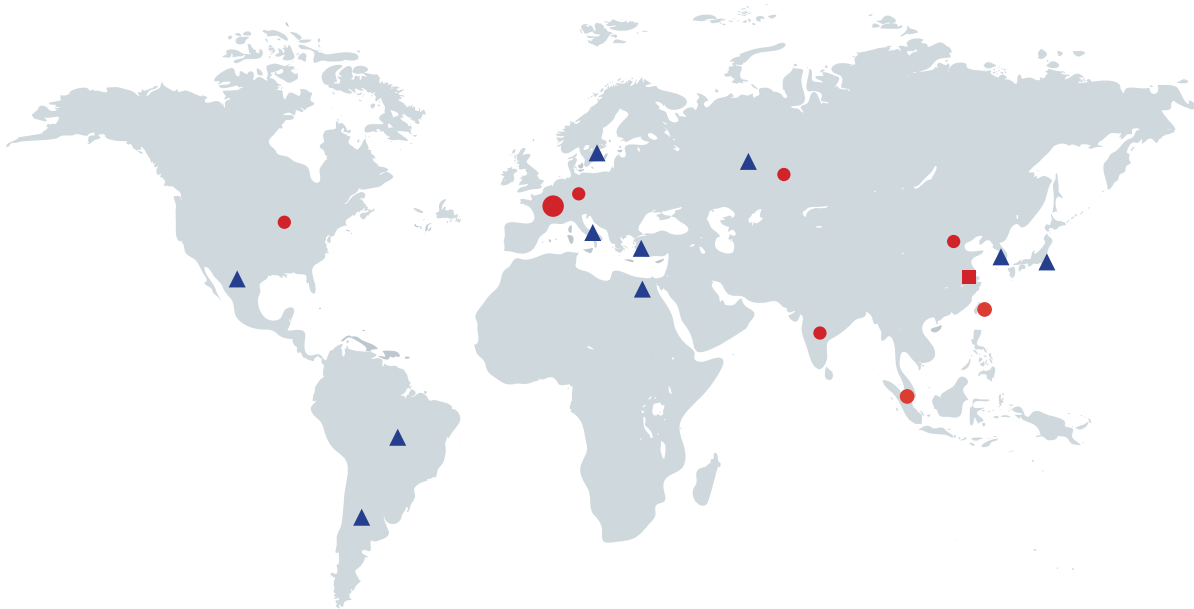
THE COMPANY

ECM Greentech, a subsidiary of the ECM Group, is specialized in designing, manufacturing and commissioning equipment and turn-key lines for the renewable energies & semiconductor industries. Because innovation is fundamental for our success, R&D is at the heart of our priorities. Every year ECM Greentech invests an important amount in R&D that allows us to stay a step ahead of competition. Choosing ECM Greentech is to make sure you benefit from the best technology available. ECM has a privileged partnership with the world renowned research institute CEA for research / development / validation of new processes and technologies.

ECM Greentech strives to develop leading edge technologies for renewable energies and their storage, semiconductor and advanced crystals applications, from laboratory to industrial scales.

ECM GROUP : A WORLDWIDE COMPANY ON A HUMAN SCALE, SPECIALIST IN INDUSTRIAL FURNACES

ECM Group has developed itself around the manufacturing of high technology equipment for the control of high temperatures, vacuum, gases, thermochemical processes and the automation of complex installations. It is recognized for its innovations, technologies, processes and services. Its systems have been developed for more than 50 years and represent a reference base of several thousands units sold worldwide for all industrial sectors.



GROUP'S HEADQUARTERS

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