

Corporate News

centrotherm showcasing new production solutions for the semiconductor industry at SEMICON Europa in Munich

- **New high-temperature process doubles wafer throughput and cuts process time by 50 percent**
- **Equipment-cluster for the mass production of 300 mm wafers**

Blaubeuren, November 12, 2018 – To mark the start of SEMICON Europa, centrotherm (ISIN: DE000A1TNMM9 and DE000A1TNMN7) is presenting its powerful new production solutions for the manufacturing of power semiconductors to an international audience.

A drive-in process at 1320°C was developed for centrotherm's c.HORICOO 200 horizontal furnace. This process doubles the throughput of silicon wafers, while cutting process time by 50 percent. To this end, an innovative heating concept was implemented in the horizontal furnaces. The reliability and efficiency of the process were already demonstrated in mass production.

With the c.HORICOO 300, centrotherm is entering the field for the mass production of 300 mm silicon wafers. The equipment-cluster features more than eight process tubes fully automatically loaded by a robot, which significantly increases wafer throughput. As all centrotherm horizontal furnaces, the powerful c.HORICOO 300 is compelling with its excellent temperature uniformity and process stability so highly prized by customers in the semiconductor industry. A space-saving side-by-side installation of the cluster ensures optimal use of the cleanroom and thus low cost-of-ownership.

Visit us at SEMICON Europa from November 13 – 16, 2018 in Munich: centrotherm and subsidiary FHR Anlagenbau are showcasing their production solutions in Hall A 4669.

About centrotherm international AG

centrotherm has been developing and realizing innovative thermal solutions for over 60 years. As a leading and globally operating technology group, we offer production solutions for the photovoltaic, semiconductor and microelectronics industries.

The continuous further development of our successful solutions in thermal processing and coating, such as for manufacturing crystalline solar cells and power semiconductors, form the basis for our successful partnerships with industry, research and development.

Our customers worldwide appreciate our production systems' process stability, scalability and availability in mass production. Above and beyond this, our work is distinguished by the fact that we create high-end process technology solutions which are specific for our customers and tailored to their requirements, and the fact that we are outstanding in system building.

We jointly confront the daily challenges of setting new trends, maximizing the efficiency of producing, for example, solar cells and semiconductors, and securing investments, coupled with our long machine lifetimes.

In this way, we generate valuable competitive advantages for our customers through targeted process innovations and production solutions.

Our around 650 staff worldwide are committed to the further development of high-tech solutions for key markets.

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Inclusion: Basic Board, Frankfurt Stock Exchange

Corporate domicile: Germany

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