# **Corporate News**





# Lam Research and Manz AG Begin Operations of Joint Venture Talus Manufacturing in Taiwan

- Talus enables greater proximity and service to customers in region
- Global Refurbishment Center to upgrade and refurbish Lam's production equipment for the semiconductor industry

FREMONT, CA and REUTLINGEN, Germany September 6, 2016 – Lam Research Corporation (Nasdaq: LRCX), an advanced manufacturer of semiconductor equipment and Manz AG, a high tech equipment contract manufacturer, today announced that they have begun operations of their joint venture, Talus Manufacturing Ltd., a global refurbishment center in Taiwan. Talus Manufacturing will upgrade and refurbish Lam's semiconductor manufacturing equipment to fulfill customer demands in Taiwan and globally.

"Manz AG, a well-established Lam qualified supplier, has proven semiconductor expertise, an established presence in Asia, and meets Lam's high quality standards," said Tim Archer, COO, Lam Research. "The refurbishment center will continue to strengthen Lam's manufacturing presence throughout the Asia region. Talus Manufacturing enhances our ability to meet customer demands for both advanced technology and previous generation nodes with improved flexibility, more rapid response, and shorter lead times."

With the realization of the Internet of Things, or IoT, as well as demand for more diverse applications, semiconductor manufacturers are extending fab productivity by developing alternative solutions for the market that utilize older generation products. As these markets thrive, Talus will enable Lam to more quickly and efficiently serve this growing market.

"The operational start of the joint venture is the continuation of our long and successful cooperation with Lam Research," said Dieter Manz, CEO and founder of Manz AG. "With Talus, we are strengthening our operating business in Asia and can use our available capacities in Taiwan more efficiently. Overall, this will contribute to improved profitability in Asia as well as at the Group level. We are looking forward to a successful collaboration with Lam Research."

Lam Research provides a full suite of services to restore used equipment to original specifications with guaranteed performance as well as build new legacy tools, which significantly reduces chipmakers' risk and uncertainty. Technology from leading edge applications is used both in Lam's newly built older-model systems as well as for the company's refurbished systems. This extends capability beyond the technology nodes originally addressed, which lowers the cost of ownership. Lam's equipment addresses 200 mm and smaller wafer sizes and 300 mm semi-critical and non-critical applications.

# **Corporate News**





Manz AG is the majority shareholder in Talus Manufacturing.

### **About Lam Research**

Lam Research Corp. (NASDAQ: LRCX) is a trusted global supplier of innovative wafer fabrication equipment and services to the semiconductor industry. Lam's broad portfolio of market-leading deposition, etch, strip, and wafer cleaning solutions helps customers achieve success on the wafer by enabling device features that are 1,000 times smaller than a grain of sand, resulting in smaller, faster, and more power-efficient chips. Through collaboration, continuous innovation, and delivering on commitments, Lam is transforming atomic-scale engineering and enabling its customers to shape the future of technology. Based in Fremont, Calif., Lam Research is a NASDAQ-100 Index® and S&P 500® company whose common stock trades on the NASDAQ® Global Select Market™ under the symbol LRCX. For more information, please visit http://www.lamresearch.com. (LRCX-B)

## **About Manz AG – Passion for Efficiency**

As a globally active high-tech equipment manufacturer, Manz AG, based in Reutlingen, Germany, is a pioneer for innovative products in fast-growing markets. Founded in 1987, the company has expertise in seven technology sectors: automation, laser processing, vacuum coating, screen printing, metrology, wet chemical and roll-to-roll processing. Manz deploys and continuously develops these technologies in three strategic business segments: Electronics, Solar and Energy Storage.

The company is led by founder Dieter Manz and has been listed on the stock exchange in Germany since 2006. It currently develops and produces in Germany, China, Taiwan, Slovakia, Hungary and Italy. It also has sales and service branches in the United States and India. Manz's claim "passion for efficiency" offers the promise of production systems of the highest efficiency and innovation to its customers in dynamic, future-oriented industries. With its comprehensive expertise in developing new production technologies and related machines, the company contributes substantially to reducing production costs for end products, making them accessible to large groups of buyers the world over.

## **Caution Regarding Forward-Looking Statements**

This press release contains certain forward-looking statements which are subject to the Safe Harbor provisions created by the Private Securities Litigation Reform Act of 1995. Such forward-looking

# **Corporate News**





statements relate to the size of the market for older generation products, the benefits of Talus to both Lam and/or Manz, expectations for improved flexibility, efficiency, and rapid response, Manz's expectations of improved profitability arising from the joint venture and the effect of Lam's suite of services on chipmakers' risk and uncertainty. Such statements are based on current expectations and are subject to risks, uncertainties, and changes in condition, such as competition in the refurbished tool market, changes in customer demand, labor conditions, production delays, and other risks detailed in Lam Research's documents filed with the Securities and Exchange Commission, including specifically the report on Form 10-K for the year ended June 26, 2016. Actual results may materially differ from these expectations, so the reader should not rely on these forward looking statements. The parties undertake no obligation to update the information in this Press Release.

#### **Lam Contacts**

Hui-Yun Chen Asia Corporate Communications +65-6347 6819

email: hui-yun.chen@lamresearch.com

### **Manz Investor Relations Contacts**

cometis AG

Ulrich Wiehle / Claudius Krause Tel.: +49 (0)611 - 205855-28 Fax: +49 (0)611 - 205855-66 E-Mail: krause@cometis.de

Manz AG Axel Bartmann

Tel.: +49 (0)7121 – 9000-395 Fax: +49 (0)7121 – 9000-99 E-Mail: abartmann@manz.com