



PRESS RELEASE

OTB Display receives order for in-line OLED manufacturing equipment and related processes from Universal Display Technology (Jilin) Co., Ltd.

Eindhoven, The Netherlands – April 16, 2007 - OTB Display, a division of the OTB Group, today announced that it received an order from Universal Display Technology (Jilin) Co., Ltd. for in-line equipment for the manufacturing of full color OLED displays. The fully integrated OLED production system is based on solution processed polymers and OTB's thin-film encapsulation technology, making it one of the world's first production lines that integrates the complete display cell manufacturing process.

"Our customers require this type of new technologies to enable profitable OLED display manufacturing in this competitive market," said Ron Kok, president of the OTB Group. "The first fully integrated in-line production system with thin film encapsulation to be installed in China is a major breakthrough in the OLED industry".

Universal Display Technology (Jilin) Co., Ltd. acquired an OLED manufacturing turn-key solution including equipment, related services and process know-how. OTB Display will build up mass production capabilities at Universal Display Technology (Jilin) Co., Ltd manufacturing facility, which is located in the Changchun National High-Tech Industries Development Area in the Jilin Province of the People's Republic of China. The Universal Display Technology (Jilin) Co., Ltd. will commence mass production of OLED displays in 2008.

James Ng, Chairman of UDT said "UDT has been working with OTB and other technology providers to develop the world's first automated high volume OLED display manufacturing facility in Changchun City, PRC to satisfy the demands of flat panel display OEMs in China, which is a very large market. The development, delivery and ramp-up of the OTB equipment is an integral part of our manufacturing strategy and once our facility ramp-up is achieved in 2008, UDT expects to deliver powerful display products that offer faster refresh times, consume less power, offer wider viewing angles and are thinner than their LCD display counterparts"

Thin Film Encapsulation (TFE)

OLED devices are very sensitive to air and water. A hermetic sealing from the environment is required to achieve sufficient lifetime. OTB uses a unique multilayer stack of organic and inorganic materials for this sealing which is called Thin Film Encapsulation. TFE significantly reduces materials cost of an OLED cell and is a key enabler for large area and flexible display and lighting applications.

In-line production

The in-line production equipment makes clean rooms obsolete and leads to high yields with low tact time and minimal operator requirements. This leads to significantly lower production costs (OPEX) as well as reduced upfront investments (CAPEX).

About OTB Group

OTB Group is a leading company in the design, engineering, development and manufacturing of tailor made inline production equipment. OTB has globally patented technologies in the field of ultra fast deposition of thin film, inkjet printing, inline automation and injection molding. By integrating and applying these breakthrough proprietary and patented technologies into tailor-made solutions and inline concepts, OTB offers substantially reduced Total Cost of Ownership which enables our customers to attain leadership in their fields.



About OTB Display

OTB Display designs and manufactures in-line production equipment for the OLED (PLED and smOLED) display and lighting market. The OTB Display product portfolio comprises OLED and TFE R&D systems, mass manufacturing lines, as well as processes, cell designs, and a wide variety of supporting services, making it a turn-key solution provider. OTB Display offers manufacturing solutions globally through sales and service organizations in Europe, USA and Asia.

About Universal Display Technology (Jilin) Co., Ltd.

Universal Display Technology (Jilin) Co. Ltd. is a Chinese foreign joint venture company which is owned by (i) Changchun High & New Technology Industries Development Parent Company, (ii) Jilin Province Trust & Investment Co. Ltd. and (iii) PLED Technology Group (Hong Kong) Limited. UDT is involved in flat panel display manufacturing utilizing P-OLED manufacturing technologies. The company's first display products are expected to reach the market by mid 2008.

OTB Display

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