

## Partnership for Dry Vacuum Pumps

Everest Group has partnered with LOT Vacuum Corporation, Korea for high energy efficiency dry vacuum pumps for solar PV, semiconductor, flat panel display, and industrial vacuum applications. Everest Group is the largest manufacturer of positive displacement blowers (Roots Blowers), mechanical vacuum boosters, and industrial vacuum Systems in South Asia. The company was established in 1980 and has always been a pioneer in its segment. LOT Vacuum Co. Ltd. was established in 2002 and has been demonstrating leadership in the global vacuum industry through its innovation and new technology development. LOT Vacuum is a recipient of many prestigious awards such as Korean Semiconductor Technology award, Korean New Technology Practical Application Award, etc. and has filed many patents for new innovative designs like 1st Roots-Screw combination rotor design, Roots-screw combination vacuum pump, etc. The partnership has introduced six different series of dry vacuum pumps to support the needs of Indian customers. These include



the DD105, DD225, LD, HD, GD & GHD series vacuum pumps. The GD Series builds upon the proven Dura-Dry dual screw design introduced by LOT Vacuum in 2002 and provides world class conservation of operating resources. The GD Series is well suited for demanding applications in Flat Panel Display, OLED/LED, Solar PV, and 450 mm Semiconductor manufacturing. Both harsh duty CVD Process configurations and Trans-



fer/Load Lock configurations are available. The GHD Series provides large capacity dry pumps for Industrial and large scale LCD and Solar applications. Custom GHD configurations provide single stage pumping capacity up to 2,200 M3/Hr, and added booster blowers increase capacities to over 10,000 M3/Hr. The Dura-Dry, and energy efficient LD Series and HD Series pumps, complete our product line offering. They are based on the original screw pumping designs that established the superior performance of LOT dry vacuum pumps. The Dura-Dry and HD lines provide world-class performance in the most severe Semiconductor CVD and Deep Trench Etch applications. The LD line provides leadership in conserving of operating resources for on-board load lock, transfer, and mild process applications. From the R&D Lab, to the largest Flat Panel and Solar PV applications, Everest-LOT Vacuum will provide proven technology to address various customer needs.

## Firm marks 60th Anniversary with new products

Belgium based LVD Company celebrated its 60th anniversary in business with the unveiling of an innovative press brake automation system, a new laser cutting product, new control and interface technology, as well as more capable punching

and programming/shop management software at EuroBLECH. LVD announced its most significant press brake product advancement in the last decade. The unique automated

tool setup system is designed to address the fundamental issue of minimising press brake setup operations. LVD extended its laser product family with the introduction of Electra FL, a high speed, sheet metal processing fibre laser system. Powered by a high efficiency solid-state doped fibre laser source, Electra FL provides fast, accurate processing of traditional sheet metal materials such as mild steel, stainless steel and aluminium with the added versatility to efficiently process metals such as copper and brass. Increased beam absorption of the laser light by the material provides processing speeds up to 50% faster than CO2 laser sources in thin sheet metal. LVD's latest touch screen control and user interface, TouchTM-L, make Electra FL easy to use and operate. Touch-L employs a 19" touch screen and graphical user interface to efficiently and effortlessly guide the user

