

High End Dry Screw Vacuum Pumps

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 Transfer/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 meet your needs. We invite you to review our products and contact us regarding any application you may want to discuss.

For Any further assistance feel free to reach us @ vacuum@everestblowers.com