

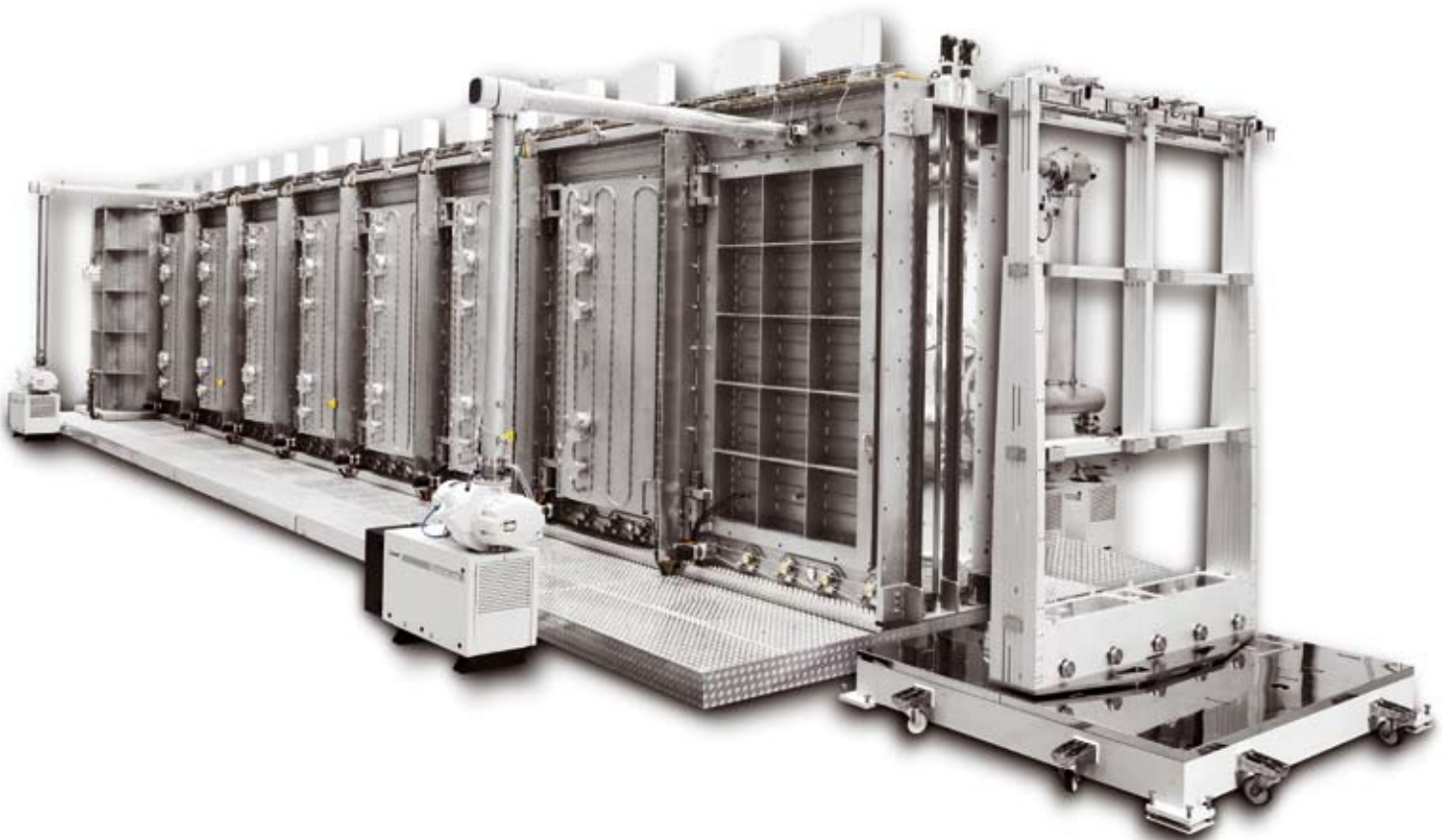
DISPLAY

PEGASUS

The high-end In-Line
coating system for
display applications



LEYBOLD OPTICS



Meeting individual requirements

The name of LEYBOLD OPTICS is known all over the world for well thought-out solutions for the coating industry. We are one of the top manufacturing companies in the worldwide market for vacuum coating equipment. Our systems always meet the highest demands on handling while requiring only the least possible amount of maintenance work. LEYBOLD OPTICS stands for unique systems with customized manufacturing processes.

A SYSTEM LIKE A WINGED HORSE

High throughput, excellent layer properties and a focus on the least possible particle generation – with ‘Pegasus’, LEYBOLD OPTICS introduces a completely new feature to the market for display systems. ‘Pegasus’, developed on the basis of our long-standing experience in the design and construction of In-Line systems and built up in an entirely modular way, opens up perspectives that our customers have never known before. Like its famous namesake, the horse-like figure from Greek mythology, this coating system surpasses all solutions known hitherto. It is our innovative answer to the most specific demands of our customers. Whatever the demands of the display industry might be – the entirely modular configuration of our systems offers first-class solutions.

A top performance for the display industry

'Pegasus' guarantees high throughput in combination with excellent properties of the coating layers. Brilliant and repeatable layers are produced by using LEYBOLD OPTICS' newly developed cathode technology. This type of sputtering system can handle even the biggest of the current substrates.

ALWAYS PRECISE RESULTS

When developing the 'Pegasus' system, we were primarily concerned with achieving the highest possible utilization factor for the substrate. Thanks to maximized target utilization and minimized shielding, material consumption has been reduced dramatically. Our new development has reached unique target utilization results. Furthermore, the targets can be exchanged even more easily now. The maintenance-friendly modular composition offers some highlights like the newly-designed gate valve driven by an electromagnet e.g., which assures reliability. LEYBOLD OPTICS has once again developed a system that helps to optimize the cost-benefit ratio quite considerably for its customers.

REDUCING PRODUCTION COSTS

Depending on the application, our 'Pegasus' can handle its carriers with LEYBOLD OPTICS' new, contact-free carrier transportation system or with a conventional carrier system customers may choose. Also with this feature the focus is to provide tailor-made solutions to bring best possible benefit to the customer. A further highlight: its dense cathode population which secures high quality output. In short: 'Pegasus' is fit for every high-end application in the display field.

Discover LEYBOLD OPTICS' magic triangle of success: high throughput, excellent layer properties and an unequalled cost-benefit-ratio!



A PERFECT SOLUTION: 'Pegasus' was developed on the basis of LEYBOLD OPTICS' long-standing experience.



MORE POWER: When developing this system achieving the highest possible utilization factor was at the focus of attention.

CUSTOMER SUPPORT

Even after the products of the various spheres of our business have been handed over to our customers, our customer support provides comprehensive service worldwide. Our staff offers assistance in production and process planning, supplies spare parts, vacuum components, and testing agents. The support specialists also concern themselves with used systems and conversions.

Stay one step ahead – with LEYBOLD OPTICS.



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