

DEK[®]
+ + + + +



 **HORIZON**



Horizon is engineered by DEK to give you maximum control over the capabilities and total cost of your pre-placement equipment. This completely configurable platform provides uniquely flexible feature options to allow you to precisely tailor your solution to fit your needs and your budget.

We evolved Horizon to create a continuous capability spectrum from the entry level DEK ELA to the high-end DEK Infinity platform. Building on the base Horizon configuration, you can optimise your solution to deliver the precise level of throughput and automation to match your production mix and volume requirements, at precisely the right price.

Each Horizon is a powerful evolution of the world's most successful screen printing platform, the DEK 265. This means your

custom-specified machine is built to deliver the high level of confidence enjoyed and expected by thousands of satisfied, productive owners.

And, of course, every Horizon customer is guaranteed the full support of DEK's global applications and service network; however you configure it, and wherever you deploy it.

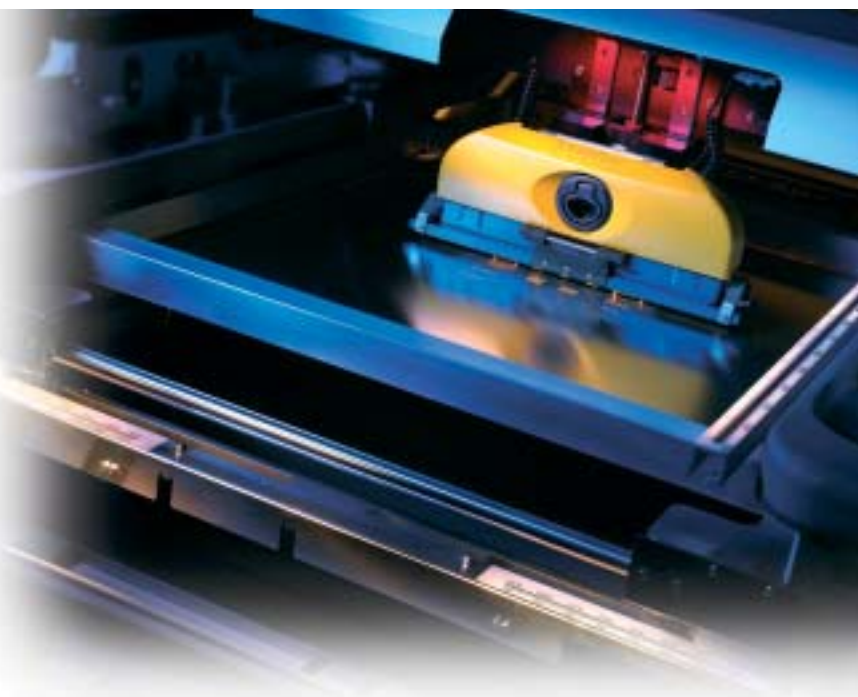
THE ULTIMATE FLEXIBILITY

Horizon's evolution from the 265 platform is focused on choice. With choice comes the flexibility to achieve precisely what you want. Why compromise when DEK will custom build exactly what you need?

The standard Horizon feature set is evolved from the 265 family, enabling immediate user confidence for maximum productivity. You can also re-use existing product files. Combined with intuitive Windows® user interface, moving to Horizon is incredibly easy.

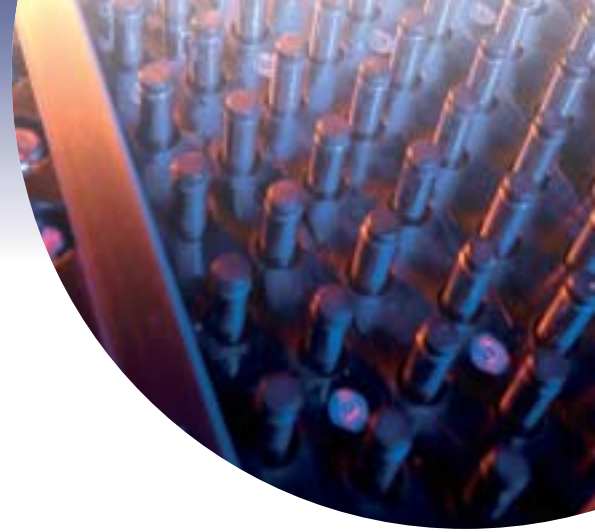
The Horizon package is also flexible to grow with your business: you can add further options at any time to address future requirements for higher capacity of capabilities through expansion, process enhancements and documented upgrade paths.

The wide choice of options encompasses proven performance features and yield enhancement tools to maximise functionality.



Powerful Horizon options package

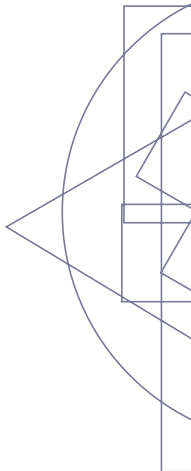
- Cycle time upgrade: 10 seconds or 8 seconds cycle time
- MultiFlex or vacuum tooling
- FormFlex tooling options
- Adjustable stencil mount
- Board clamp regulator
- Full choice of ProFlow® technologies
- Squeegee options, programmable paste dispenser up to 1Kg
- Paper Underscreen Cleaner, optional paper widths
- Vortex Underscreen Cleaner with filtration options
- Basic and advanced vision inspection: board and stencil packages
- SPC software, offline editing and remote changeover
- DEKNET Ethernet LAN package + SECSII/GEM



DELIVERING TRUE VALUE

Our design teams apply cutting-edge ergonomic principles to add significant extra value in key areas of printer ownership. Durable, wear-resistant materials are specified throughout for high reliability and lower service costs. Improved maintenance access also offers savings. The optional ProFlow® print head assembly is designed to reduce cycle time overheads, enhance repeatability, minimise waste and maximise machine up-time. These attributes combine with competitive pricing for the base configuration and option packages, delivering the best price/performance ratio in the industry.

Integrating Horizon into your electronic manufacturing environment offers far greater value than can be measured purely in terms of cost-efficient return on investment. As well as the unique productivity benefits Horizon offers, choosing a DEK printer gives privileged access to our global technical resources and process expertise.





ENGINEERED FOR RELIABILITY

A consistent and repeatable print operation is vital in maximising efficiency and achieving quality goals in a dynamic production environment. With Horizon, precision-engineered mechanical assemblies, advanced electronic control systems and ISO9001 manufacturing procedures combine to deliver maximum efficiency and quality through high yields, product flexibility and fast changeover.

DEK's unique advanced Equipment Utilisation Program (EUP) helps you characterise, quantify and verify an optimised process and, together with our applications resource, further extends the reliability that production engineers and line operators can expect from Horizon.

