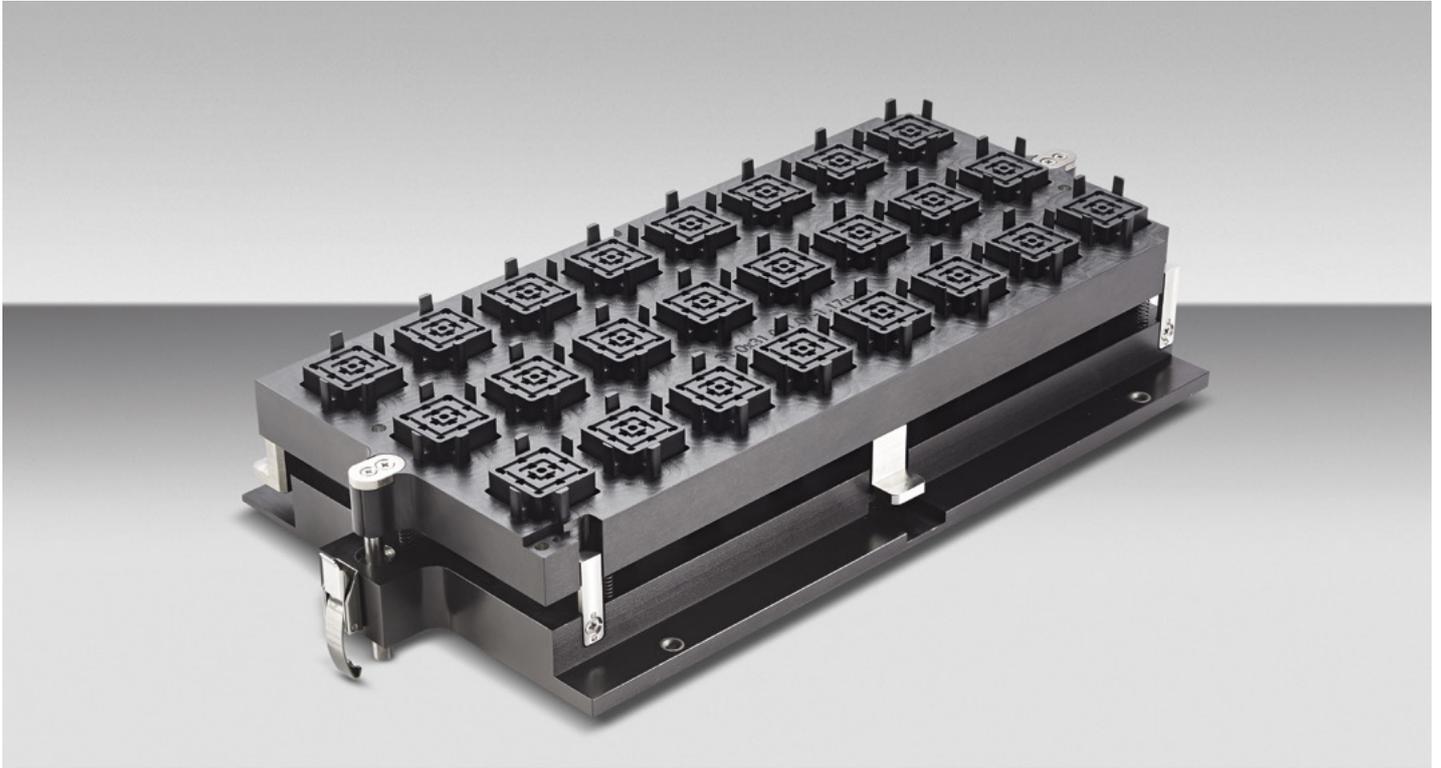


## DEK Virtual Panel Tooling (VPT)

DEK Virtual Panel Tooling provides an efficient way to boost throughput for singulated substrates by printing multiple parts with a single print stroke.



DEK Virtual Panel Tooling (VPT) allows the printer to process multiple individual substrates in a single print cycle. The substrates are presented to the printer in a carrier and are then lifted out, mechanically centered (aligned) and placed into a surrounding plate to create a “virtual panel” prior to coming in contact with the stencil and then mass imaged.

In combination with a DEK printer, DEK VPT offers a high-throughput, low-cost alternative to dispensing for many flip-chip packaging processes and other advanced applications, including sensors, PCBs and thermal interface materials (TIMs).

### Features and benefits:

- Parallel processing of singulated substrates for more throughput – eliminates delays caused by the sequential printing/dispensing of individual substrates
- Scalable design for the simultaneous printing to 2 to 72 singulated substrates
- Highly efficient mechanical alignment
- Surround plate for pressure optimization
- Retrofittable on existing DEK printer platforms

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