

Quality gains by changing
the plasticizing unit size
Adaption Kit—the complete,
drop-in solution for smaller
injection volumes

Engineering Passion

Krauss Maffei

Getting the volume right with the Adaption Kit

The Adaption Kit substantially extends the usability of already installed injection molding machines. It is a complete plasticizing unit, including all the necessary software, one size smaller than your current plasticizing unit. Engineered as a drop-in replacement, the Adaption Kit is installed quickly and easily in the existing injection unit. Investing in an Adaption Kit will significantly increase the flexibility of your production.

New capacities and improved quality thanks to the Adaption Kit

New molds are redefining the specifications for the production system. Individual modifications to the injection and plasticizing units are needed to achieve product quality, because new products, materials and mold technologies often result in far smaller shot volumes.

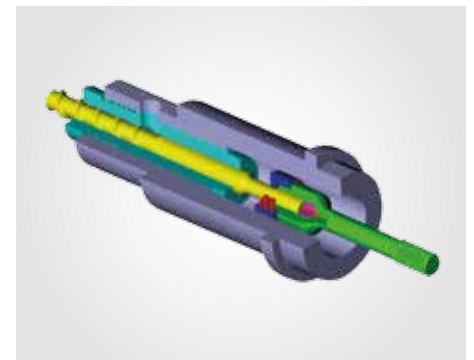
The Adaption Kit, engineered as a smaller plasticizing unit, offers a simple solution to the necessary volume change. It is designed as the next smaller injection unit size for the new application. Decisive factors influencing the design are product weight and the optimal dwell time for the melt in the barrel.

Custom combinations of screw geometry, material and surfaces offer additional potential for tuning the production solution to the product. KraussMaffei supplies the Adaption Kit as a drop-in replacement with the same installation dimensions. It is a complete unit, pre-assembled, function-tested and includes the software. This enables quick and easy changeover on site.

The Adaption Kit makes your production more flexible and improves product quality. It can be uninstalled at any time and replaced by the original plasticizing unit.

Your benefits:

- Fast and easy changeover; installation position and length are identical to your existing unit
- More flexibility improves capacity utilization on existing machines
- Better product quality thanks to optimal melt treatment
- Complete package from a single vendor: mechanical and electrical systems, and software



Based on standard modules, the Adaption Kit is a complete plasticizing unit replacement: adapter flange / screw extension / barrel / screw / heater