PLASTICS

KePlast i8000

High-end technology for premium injection molding machines

The control solution of the KePlast i8000 series combines the latest multitouch technology with an modern control platform. The Linux-based complete package offers state-of-the-art gesture operation, top performance and maximum individuality.

With its high-performance control system and innovative, realtime-capable multitouch operating panel, KePlast i8000 is the ideal solution for hydraulic, hybrid and all-electric multi-component injection molding machines. Comprehensive software and technology libraries guarantee fast and simple application creation.

Top control performance for highest demands

The new generation of the CP05x series has been optimized for the complete automation of injection molding machines in the demanding performance segment. Equipped with various processor classes, the platform offers optimal scalability for automation functions such as regulation, control and visualization. The open Linux control platform with extremely short control cycles enables seamless integration of the drive and I/O technology via EtherCAT and is equipped to meet all challenges of the Industry 4.0 automation environment.

Flexibility through openness

Maximum openness and flexibility mean that there are no limits to customer- and machine-specific modifications. The integration of the user's own technology libraries provides know-how protection and existing process know-how can continue to be used.

Easy Multitouch operation

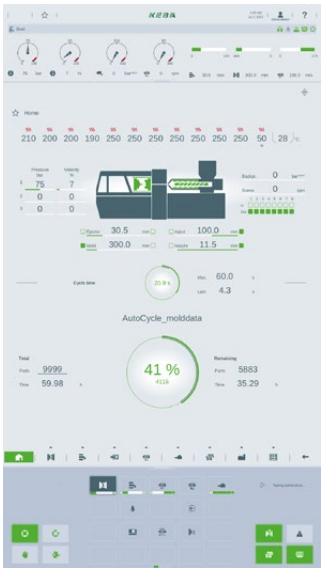
KePlast i8000

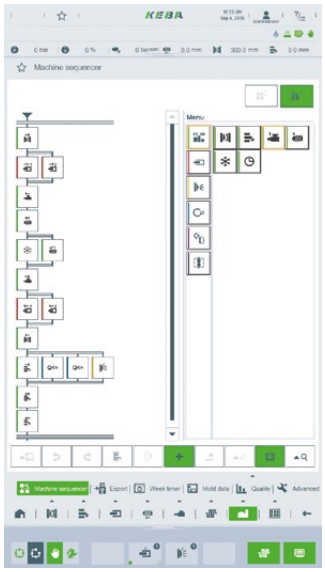
Intelligent solutions for innovative machines

The focus is on the user

The 21“ multitouch widescreen displays of the AP500 series set new standards in operation. A smooth workflow with intuitive multitouch gestures allows process values to be set extremely quickly and reduces the time required for sampling and service.

The sophisticated operating concept ensures that users can quickly come to grips. In addition, the graphical software support reduces operating errors. Machine manufacturers can create user-specific applications extremely quickly and optimize them to the appearance of the machine.





Control	KePlast i8021
Multi-core CPU	CP 053: 1x 1,91Ghz, CP 054: 2x 1,91Ghz, CP 057: 4x 1,91GHz
Interfaces & I/Os	1x EtherCAT, 1x Ethernet, 2x USB, CAN

Operating panel	KeTop AP521
Display	21.5" Full HD (1920x1080)
Touch	Projected capacitive multitouch
CPU	Multi core CPU 4x1.91GHz
Interfaces & I/Os	2x Ethernet, 4x USB, 12x DI, 4x DO, RFID
Installation	Console mounting with quick lock, AP521: support arm optional
Extension panel (optional)	2x4 freely selectable openings, 1x emergency stop, RFID module (Euromap 65 compliant)

Software technology	
Operating system	Linux / open architecture optional
Visualization system	KeView Style, Java FX
Options	Comprehensive KePlast app library