

High degree of standardization in flat cable processing

Komax Systems launches a new machine platform for highly efficient assembly automation



Komax Systems has a wealth of experience with automatic machines for processing flexible flat cables (FFC). Starting immediately, the systems will be implemented with the new platform components known as Modulo 300, fps 300 and TopControl. This big increase in standardization and the use of the most modern technologies make the new FFC processing systems comparable to standard machines.

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All processing steps, including housing insertion, are integrated in the system in a way that makes optimum use of space. The Modulo 300 cells are the mechanical basis of the system. These cells are available in the standard sizes 900mm, 1800mm and 2700mm and can be combined as desired.

The flat cable is transported through the machine by the fps 300 flexible positioning system. With this system, each pallet can approach several processing positions at each station. This offers huge advantages for punching the intermediate insulation, for example, or for crimping the conductor tracks. The transport units are arranged in a grid of 300mm to move the pallet via a toothed belt with such precision to the process that no additional centering is required.

Komax has taken a quantum leap forward in machine control. Its graphical user interface called TopControl is operated from a touch screen and offers the kind of user convenience and functionality usually only found on standard machines: The systems and articles are depicted authentically. New articles can be defined and saved while production is running. Besides a well-conceived error-handling, the system also has good/bad evaluation as a standard feature. You can switch to a different user language from anywhere within the program. Individual entry screens or control buttons can be blocked or hidden for specific users. Thanks to the logical structure of TopControl, your operators can master this software in no time at all. See for yourself.

YOUR BENEFITS

- > Variable machine lengths possible with Modulo 300
- > Ultra-flexible fps 300 transfer system
- > TopControl professional user interface
- > Reusable platform components
- > Economical processing of flat cable



TopControl



Modulo 300



fps 300 transfer system