

# Innovation in control cabinet wiring

## Component insertion with Zeta 633/656



*Komax offers a solution for single or double-ended insertion of control cabinet components to do its part for ensuring efficient, economical control cabinet wiring. Innovations for automatic insertion process open up new possibilities for handling control cabinet components.*

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### Wire processing with Zeta 633

The Zeta 633 serves as the basis for processing wire ends for the insertion of control cabinet components. Up to 36 different cables can be drawn in sequentially and marked in multiple colors with inkjet as needed. Individually configurable platforms let you set up as many as 13 processing stations, for example modules for compacting cable ends or for processing crimp terminals, MIL crimps, end sleeves and insulation sleeves.

### Component insertion with Zeta 656

You can use the Zeta 656 to load components with different terminal contacting such as spring-loaded, push-in or contact flaps on one end or both ends automatically. The customer specifies whether the system will run sub-harnesses (inserted on both ends) or just one-ended component insertion.

Pallet loading and unloading is done while component insertion is being done on the second pallet pair. This ensures continuous production. Integrated force sensors monitor the entire component insertion process, thus ensuring top quality.

### Optional flex bundler

To optimize capacity utilization on the system, you can integrate a flex bundler upstream from the Zeta 656 in the machine transfer. This allows you to orient and bundle non-loaded conductors in preparation for undergoing further manual processing.

### CAD data transfer – Zeta 633/656

You can directly import the production data for batch size 1 or for series production via a network, via a database or from ECAD. You can archive quality data relevant to processing and thus ensure traceability at all times.



Zeta 633/656 fully automatic loader



Fully automatic insertion of spring-loaded components

### YOUR BENEFITS

- Fully automatic insertion of components
- High availability thanks to minimal retooling
- High efficiency for so investment pays off more quickly
- Individual pallet layout
- No contact-specific application parts for component insertion required
- Consistent and monitored quality