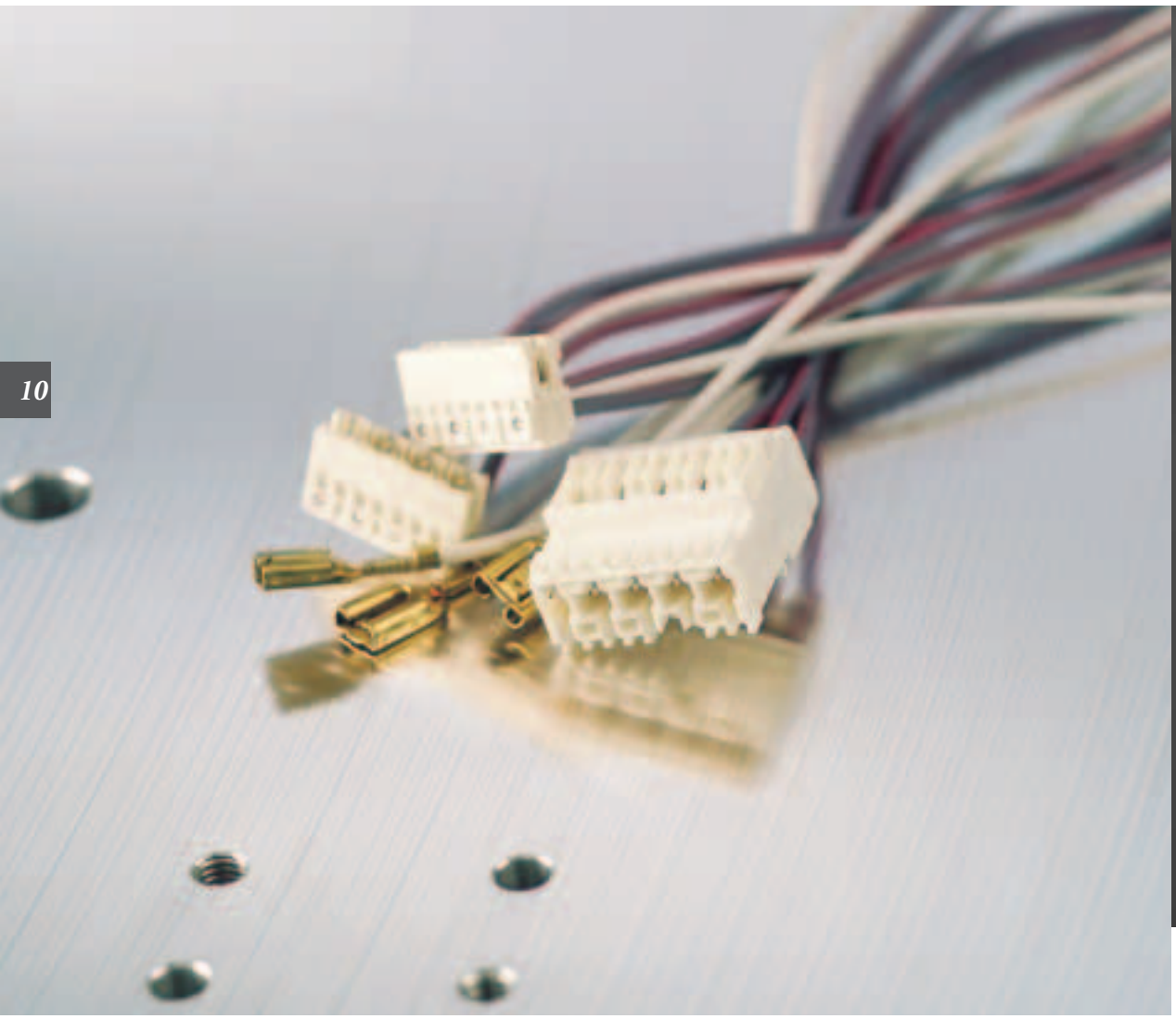
Cost-effective IDC processing, even in small quantities

Komax IDC 9600 MS – A multitude of applications and no conversion!

Until now, the wide variety of connector systems and pitches limited the possibilities of processing IDC connections fully automatically. The new Komax IDC 9600 MS allows you to process an unprecedented variety of applications.

Urs Renggli *Sales coordinator for System Business*



With this one unit, you can process jumper cable sets and hybrid cable sets with loop and crossing insertions. You can also produce cable sets with two different pitches. Processing proceeds independent of connector make, pitch or crimp terminal. And it is very cost effective, even when small quantities are involved.

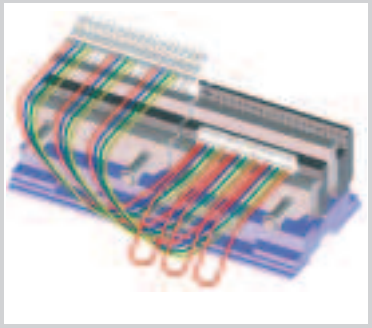
Proven technologies

The IDC 9600 MS is based on tried and tested Komax technologies and has a modular design. The result: high flexibility, simple retrofitting and upgrading, rapid adaptation to new applications as well as short delivery times and optimum capacity utilization.
The connectors are attached to tool carriers by means of a pallet transfer system and then transported to the processing stations. This allows the poles being processed to be approached individually.

Cost-effective IDC processing, even in small quantities

Komax IDC 9600 MS – A multitude of applications and no conversion!

Fully automatic IDC 9600 MS with Zeta 633 for IDC processing



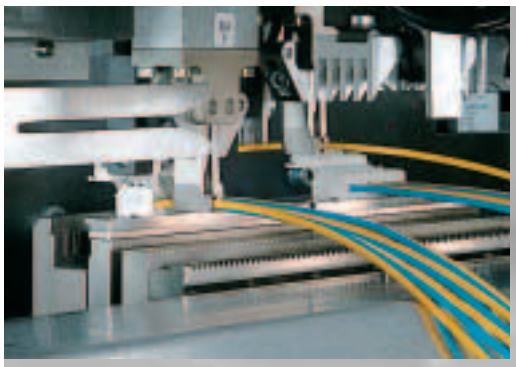
Pallet transfer system designed for different pitches, e.g. 2.5 mm, 2.5 mm Power and 5 mm

Insertion operations – Insertion position assured by force/path measurement

Diversity of processes

With the new system, you can process up to 36 different wires using the loop method. The feed of connectors is geared to the form in which the connectors are delivered. Besides insertion, you can easily integrate processes like cutting and monitoring of connector coding, wire exit 180°, marking (with colored pens or inkjet), crimping and double crimping as well as sleeve insertion. Both individual and mass terminations can be processed. Further IDC insertion modules can also be added to the system to adapt it to current and future production outputs. Integrated quality monitoring modules such as insertion position as well as continuity and high voltage testing assure a consistently high degree of process reliability!

Jumper/hybrid IDC cable set



Insertion of IDC connectors

Optical test of insertion depth

Cover closing