



DUAL CORE PROCESSING SOLUTION ALPHA 355 S / 356

Komax DCP (Dual Core Processing) enables the fully automatic processing of dual core sheathed wires on the Alpha 355 S and Alpha 356 wire processing machines.

The solution DCP guarantees a consistent quality thanks to camera control and individual measurement of the individual cores. A variety of options, such as the tinning module or the hot stamp marker, are available for end processing.

Automation with Komax DCP comprises:

- Customized blades for the outer sheath and cores
- Sophisticated stripping process in multi-step mode
- Orientation module with rotary grippers and a camera based vision system
- Separation and shaping station to prepare the cores for further processing

Technical data

Dual core processing on Alpha 355 S and Alpha 356

Processing	Fully automatic processing for both ends of the wire
Wire types	Dual core sheathed wire - flat or round
Cross-section	2x 0.22 – 2x 1.00 mm ²
Insulation diameter*	max. 5.1 mm
Strip length*	8 mm to 33 mm in the blade unit (min. strip length depends on the subsequent process)
Wire length*	100 mm to 4,000 mm
Options	mci 722 crimp module, trim module, stripping station for long strip lengths, tinning module, inkjet marker, hot stamp marker

*Demands outside of the specifications possible upon request

Your benefits

- **Fast, fully automatic dual core processing**
- **Color alignment of the leads can be freely defined**
- **Adjustable process parameters to accommodate for different wire twists and material properties**
- **Serial crimping of dual core wires incl. CFA/CFA+ crimp force monitoring**
- **Solution is based on standard A355 S and Alpha 356 fully automatic wire processing machines**