



Innovators in Wire Processing

TransferLine
Transfersystems

TRANSFER SYSTEMS

TransferLine

Concept

TransferLine is based on a flexible, individually adaptable modular system. The mechanical, pneumatic and electrical interfaces are designed to accommodate quick and simple retrofitting and installation of add-on modules. The cable fixtures and assembly nests – known as Shuttle and Carrier – take over various functions in the processing of the cable and the connector assembly.

Processes & Specifications

A number of proven and standardized stations allow for the following functions:

- Basic processes such as cutting, jacket- and conductor stripping
- Colour recognition and orientation with the Schleuniger camera system
- Crimping or welding of loose piece or taped contacts
- Feeding and assembly of connector parts
- Crimp force and video camera based quality monitoring systems
- Printers: Laser, thermo transfer, ink-jet
- Batch collectors for cable lengths of up to 10 m (0.006) or coiling and tying systems
- Cycle time: 2 – 3 s, depending on configuration and cable length
- Cable length range: 150 mm – 10 m (5.90 – 0.006)
- Base module sizes: 6 / 9 / 12 or 15 stations
- Indexing step: 200 mm (7.87) (optional 400 mm (15.74), double cycle for parallel operations, e.g. cable feeding)

Innovative solutions

Thanks to the innovative arrangement of the transfer drive system the shuttle can move in all three axes within the station – this being a crucial advantage.

For example:

- Lateral indexing of the shuttle for sequential sealing and crimping of multi conductor cables
- Lowering of the shuttle during the crimping process
- Grouping of the shuttles for single or double cycle operation

Individual applications

With the Schleuniger TransferLine, a large number of automotive, non automotive and power cord applications can be covered.

Wires and cables which can be processed:

- Single wires
- 2-3-4-conductor jacket cables
- Twisted pairs
- Coaxial cables
- Battery cables

Know-how

The automation of cable processing applications is our core competence. It is also a challenge we gladly face up to within the rapidly changing Market. The modular transfer system is our answer to the flexible configuration of complex machines and short project lead times.

Sales and Service by:

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To Be Precise.