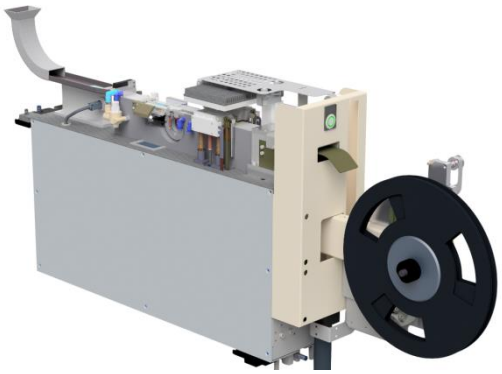
TAPER-NTP

Tape-loading components



The tape module TAPER-NTP serves to package components in blister tapes. Placing the individual components in the blister tape is first followed by an optional placement check using a camera system, the tape transport and then sealing of the blister tape with a cover tape and winding of the tape. Tape modules for different tape widths are available, which can also be combined in a single machine, if necessary.

Product description/functions

- Coiler – at the front
- Cover tape reel – at the front
- Decoiler – separate assembly on the machine frame, but required to operating the tape module
- Placing the empty blister tape – manually
- Passage of the blister tape via sprocket wheel-fed fixed width transfer rail
- Optionally integrated vacuum suction strip in the transfer rail for fixing the components in the blister tape
- Camera for placement check for verifying the correct placement position of the components in the tape pockets
- Empty pockets sensor for verification of pocket filling and detection of possibly developed empty spaces
- Sealing station for sealing the cover tape on the blister tape
- Automatic cutting of the blister tape by integrated tape cutter
- Internal storage of module parameters
- Filling level monitoring of decoiler
- Sensor monitoring of cover tape reel

Options

Tape width	8 / 12 / 16 / 24 / 32 / 44 mm
Placement	2-fold / 4-fold
Camera / Image processing	OCR camera (In-Tape Inspection, separate assembly) / placement check in tape
Suction strip	Possible option
FMKIT	Foreign Material: In the event of soiling, loose foreign particles are moved from the pockets of the blister tape through compressed air supply and vacuum suction cup before tape-loading the components.
FWFTUR	Firewall: Protection from mixing up reels – A scanner on the coiler reads the barcode of the winding reel. The module features an internal interface to a decoiler with firewall, without its firewall cannot be operated.

Version 11/21

Technical data

Dimensions W/H/D [approx. mm]	180 x 590 x 1120
Weight	40 kg
Media:	
AC	230 V
DC	24 / 12 V
Compressed air	6 bar
Vacuum	-800 mbar
Other	Ethernet 100 Mb

Accessories

• Tape-specific inserts

- Ordering designation: TAPER-NTP
  - Spacing of pockets in the tape
  - Number of placeable pockets in the tape
  - Tape width

Detailed drawings

