

BKV40 and TPU

Subassemblies for the Production and Processing of Tickets

Intended Use:

In the devices of the series 40 generation, two different subassemblies for production and processing of short-term parking tickets are available. Both subassemblies are exceptionally maintenance- and service friendly:

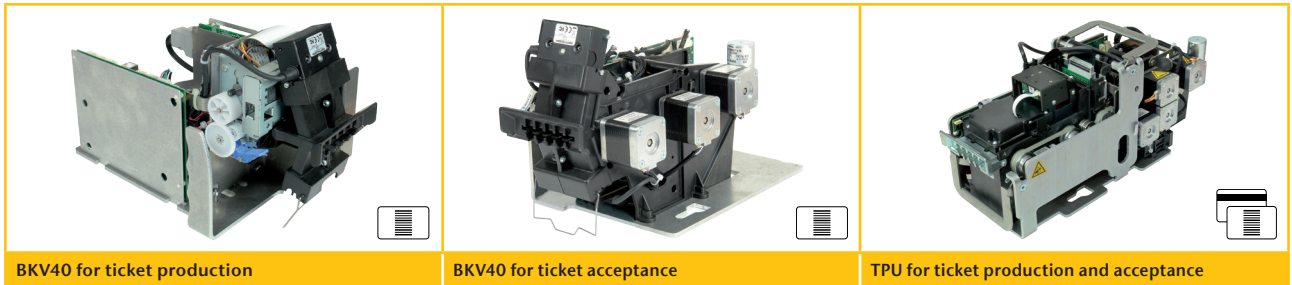
1) BKV40 for barcode technology and one ticket magazine

Depending on the device type, different variants of the BKV40 are used.

2) TPU for barcode and/or magnetic ticket technology and two ticket magazines

Thanks to the modular design, this subassembly can be exactly adjusted to the individual requirements of the field device. The result: sustainability, economic savings in acquisition and use, as the assembly is only equipped with the modules which are actually needed.

BKV40 and TPU can be combined within one parking system. For example, the entry device can be equipped with the TPU to profit from two ticket magazines, whereas the exit device is equipped with the simpler BKV40.



BKV40 FOR PROCESSING OF BARCODE MEDIA	
Unit for ticket production: (e.g., entries)	<ul style="list-style-type: none"> Thermal printer with 203 dpi print resolution, ticket feeder for one ticket stack, cutting device One barcode scanner for reading the tickets with barcode facing up Second barcode scanner for reading the tickets with barcode facing down as option For scanning, tickets are not fed but only inserted
Unit for ticket acceptance: (e.g., exits or automatic pay stations)	<ul style="list-style-type: none"> BKV module with motorised ticket feed („Presenter“) One barcode scanner for reading the tickets with barcode facing up Second barcode scanner for reading the tickets with barcode facing down as option Paper switch for parking tickets during the processing of voucher tickets Automatic pay station only: Thermal printer for receipts and substitute tickets as option

TPU FOR THE PROCESSING OF BARCODE AND/OR MAGNETIC TICKETS	
Basic module:	<ul style="list-style-type: none"> Coder, optionally equipped with: <ul style="list-style-type: none"> Cutting unit and printer (300 dpi) for paper tickets One barcode scanner for reading the tickets with barcode facing up Magnetic head for reading and encoding ISO tickets and cards
Add-on modules:	<ul style="list-style-type: none"> Feeder (ticket feeding unit for barcode and magnetic tickets from two magazines) Paper switch (parking device to allow voucher tickets and ticket collection) Note: Paper switch can also be used without feeder

FUNCTIONAL OVERVIEW	BKV40	TPU
Scanning barcode ticket with barcode facing up (e.g., exit)	✓	✓
Scanning barcode ticket with barcode facing down (e.g., exit)	optionally	✗
Production of barcode tickets from one magazine (e.g., entry)	✓	✓
Production of barcode tickets from two magazines (e.g., entry)	✗	✓
Production of magnetic tickets from two magazines (e.g., entry)	✗	✓
Production of barcode and magnetic tickets from two different magazines (e.g., manual sales device)	✗	✓
Paper switch to allow voucher payment (e.g., automatic pay station)	optionally	✓
Scanning (and collecting) barcode tickets (e.g., exit)	✓	✓
Reading (and collecting) magnetic tickets (e.g., exit)	✗	✓
Printing to already encoded barcode or magnetic tickets (e.g., payment information, offline barcode, residual value of value cards or visible cancellation)	✗	✓
Automatic collection of back out tickets (e.g., entry)	✗	✓
Punch code detection for validated parking tickets (e.g., automatic pay station)	✓	✗
Hot-pluggable which means that the subassembly can be replaced while the device continues to operate	✓	✓

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