

# Stitching and binding Systems

## BÖWE 117-12/117-14



# Economical booklet production

*BÖWE Systec AG offers cheque book systems for all branches of industry.*

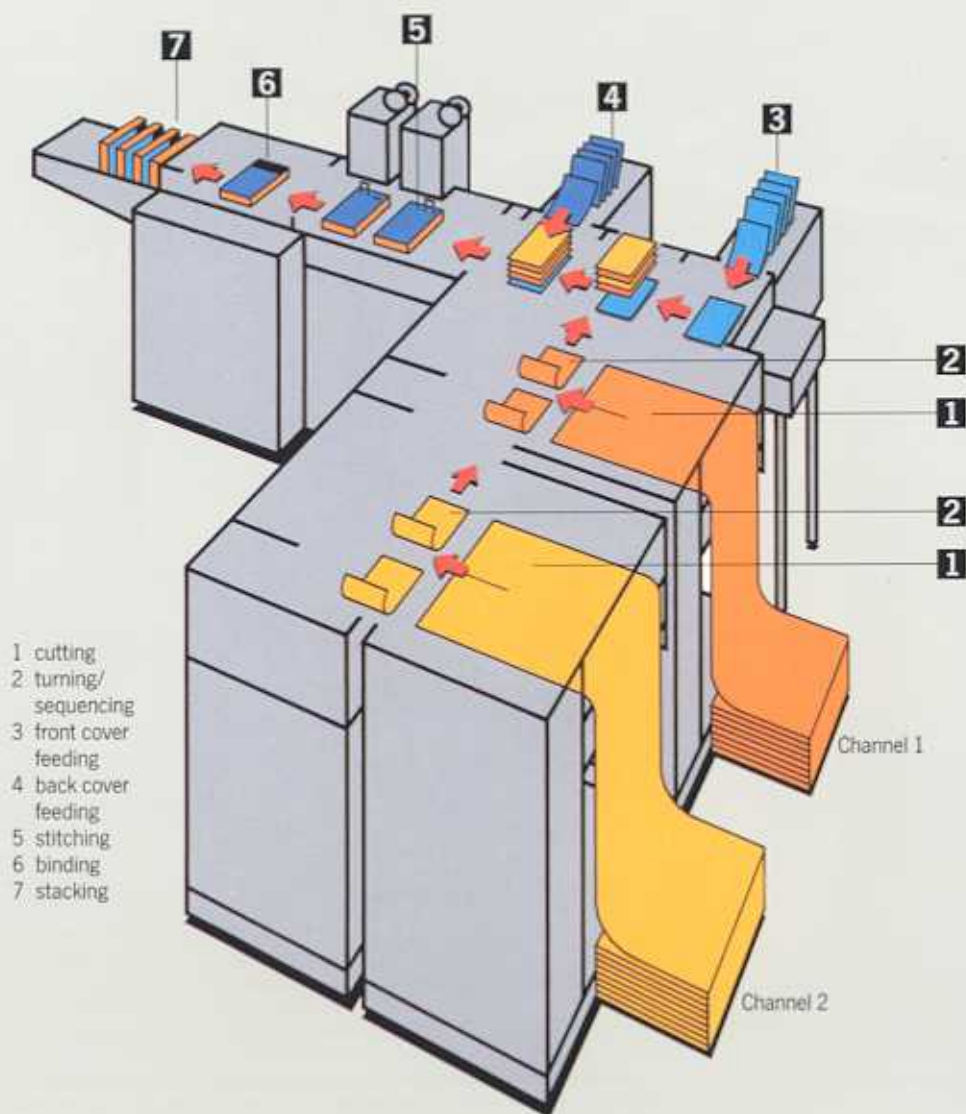
*The sales program also includes cutters, bursters and decollators which separate continuous stationery, systems for ready-to-post inserting, folding and job-separating systems for the processing of single sheets and continuous stationery and a paper distribution system.*

## **Complete cheque books from two paper webs in one operation**

The 117-12 cheque book system processes continuous computer printouts from 2 input channels into complete cheque books.

Cheques are processed in the 1st input channel for example, while the appropriate reorder forms and cheque records are processed in the 2nd channel. Forms are centre-slit and matched for each individual customer. Cheque books then receive front and back covers and are stitched twice before being bound and accurately stacked for further processing.

Single sheet cheque book production is also possible using a high-speed sheet feeder.



# Applicational versatility

## **Applicational versatility**

The BÖWE 117-12 system can be used wherever computer printouts must be processed into complete booklets within a very short time, e.g. in banks, insurance companies or service companies, industry, catering companies and airlines.

Depending on the application, booklets of various content and thickness can be assembled. Maximum booklet thickness can be up to 12 mm.

In addition to front and back covers, the BÖWE 117-12 system can also feed two additional enclosures, e.g. advertising matter or contractual conditions, to the cheque book.

## **Reliable processing**

The 117-12/117-14 stitching and binding systems are microprocessor controlled. All processes are monitored by a photocell. The system is automatically stopped by a faulty OMR code, incorrect number of forms or incorrect allocation.

Wrongly assembled cheque books are no longer possible.

Thanks to the transparent covers, operators can monitor the processing sequence at all times.





# High-quality booklets

## Precise booklet production

The 117-12 system produces high-quality cheque books which meet all requirements for presentation and security.

The cheque package is aligned before stitching. During "binding" the two staples are covered by high-quality tape. The result is a neatly assembled cheque book.

Magnetical and optical readability of the reading line for subsequent further processing of cheques in bank document readers is guaranteed.



Binding tape

Front cover from single sheet feeder

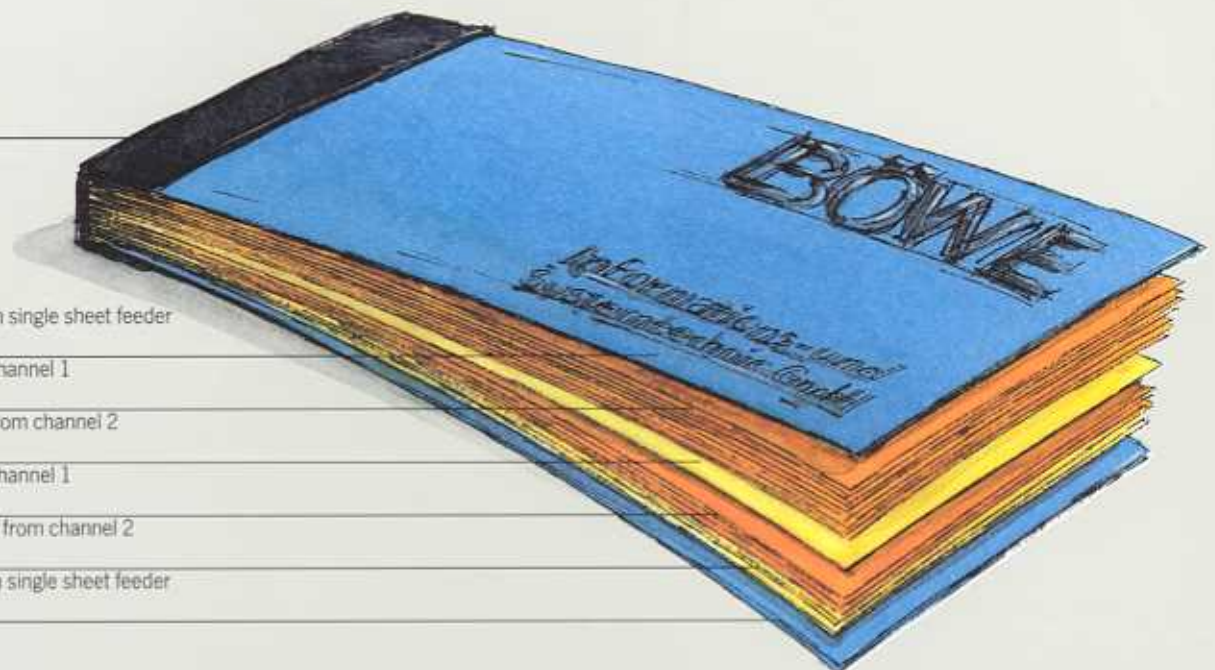
Cheques from channel 1

Reorder sheet from channel 2

Cheques from channel 1

Cheque records from channel 2

Back cover from single sheet feeder



# Computer-aided system operation

## User-friendly operation

The BÖWE 117 systems are equipped with BICOS, the computer-aided operating and information system. The user can operate the entire system from one central point: the screen and the keyboard. An operational system chart allows him to monitor the flow of material.

Operating data such as effective output, system availability, produced quantities etc. can be called up on the screen or output by a printer.

## Booklet inserting

If you want to insert booklets during the same operation, a BÖWE 507 inserter can be connected to all 117 systems.

Thus it is possible to collect several booklets per customer and feed enclosures constantly or selectively. Sealed envelopes, separated according to postage classes, can then be franked on-line.

## Service

The BÖWE organization provides full advisory and customer service – worldwide.



Collating track with single sheet feeders for feeding of front and back covers.

# Technical Data

## Standard equipment

### System 117-12

- ☐ 2 cutters  
incl. optical mark recognition
- ☐ 2 sequencers
- ☐ Assembly station
- ☐ Stitching and binding unit with  
2 stitching heads up to 8 mm booklet  
thickness and integral vertical stacker
- ☐ BICOS  
117-12 is prepared for connection of  
2 single sheet feeders

### System 117-14

Standard equipment same as 117-12 but  
prepared for connection of 4 single sheet  
feeders

## Optional equipment

- ☐ Single sheet feeder for front and back  
cover or enclosure feeding (max. 4  
possible)
- ☐ 12 mm stitching heads

## Finish

Two-coloured

### Connected loads 117-12

- ☐ Voltage . . . . . 220/380 V
- ☐ 3 phases . . . . . 50/60 Hz
- ☐ Power input . . . . . 5.4 kW
- ☐ Heat emission . . . . . 3.8 kJ/s

### Dimensions and weight 117-12 (approx.)

- ☐ Length . . . . . 3.5 m
- ☐ Width . . . . . 3.1 m
- ☐ Height . . . . . 1.7 m
- ☐ Weight . . . . . 2300 kg

## Formats/paper weights

### Forms

- ☐ Depth . . . . . 2 3/4" – 6"
- ☐ Width . . . . . 130 – 470 mm  
The form width can be split into 1, 2 or  
3 columns
- ☐ Paper weight . . . . . 70 – 170 g/m<sup>2</sup>

### Booklets

- ☐ Bound side . . . . . 70 – 155 mm
- ☐ Unbound side . . . . . 130 – 230 mm
- ☐ Booklet thickness . . . . . 1.5 – 12 mm
- ☐ Paper weight front and back cover  
recommended weight 120 – 170 g/m<sup>2</sup>

Subject to technical changes

Paper Management  
by **BÖWE** SYSTEC



**BÖWE**  
SYSTEC AG

BÖWE SYSTEC AG  
Werner-von-Siemens-Str. 1  
D-86135 Augsburg  
Telephone: 08 21/57 02-02  
Fax: 08 21/5 70 22 34  
Telex: 53 648-0 boe d