

# BP-65 / BP-65S

## MICR CHEQUE PERSONALISATION ENCODER



**Quality cheque  
document printing**

High quality cheque document printing is the essential in improving security and legibility of cheque transaction. Accurate and consistent printout quality is the key in minimising cheque fraud or any other cheque-related crime. Properly-printed cheque document potentially improves overall cheque processing efficiency and allow financial institutions to improve customer service by providing safe cheque transaction.

The BP-65 and BP-65S are high volume cheque documents printers that print personalisation and MICR characters simultaneously in one single pass.

The printers have the ability to print quality cheques and international standard MICR documents. As BP-65 and BP-65S performs both cheque personalisation and MICR printing all in one device, they remove the need of using two devices for the same purpose. The BP 65 and BP 65S potentially saves time, investment cost and operational cost to personalise and print cheque documents.

Using impact technology, the BP-65 and BP-65S produce high security MICR documents that are guaranteed to reduce rejected cheque problems, payment delays and associated bank fees. The impact technology delivers high quality documents, as MICR ribbons are letter-pressed into the documents.

MICR characters adhere firmer to the cheque paper, making it harder to remove unlike laser technology's thermal heat that peels off easily. This makes impact-printed cheques more resistant to cheque-kitting that often results in cheque frauds.

Both BP-65 and BP-65S are capable of producing 30 cheque documents per minute, yet still maintaining low production cost. The device utilises separate dot matrix ribbon to print personalisation and MICR ribbon to print MICR fields. Moreover, both devices are designed to operate 24/7 over long period of time.

The BP-65S is also equipped with stapler and label holder to automate chequebook production in one go. This gives financial institutions long-term cost advantage in operating heavy duty cheque encoder with excellent printout quality.

The BP-65 and BP 65S are suitable for automatic use. These machines are easy to integrate with SmartChequebook™, a cheque book issuing solution. The SmartChequebook™ application retrieves all customer information making MICR printing fast, efficient and error-proof. The application allows the user to input customer details into the system, and automatically pre-encodes their information with MICR characters unto the cheques.

The application comes with a database inventory that records all cheque issuing activities for subsequent printings (further to be discussed).

This prevents redundant cheque to be issued enhancing cheque securities for banks and customers.

**BSS BANK**  
MASCOT BRANCH NSW

No. 123456  
Date Sydney, 02/10/2008

Pay \_\_\_\_\_ or Bearer  
The sum of \_\_\_\_\_ \$

BUSINESS SMART SOLUTIONS PTY LTD  
ABN 119119482594

11310851008 28401 0092025460

## » FEATURES

- Process up to 30 cheque documents per minute
- Impact technology for more durable and longer-lasting MICR printout
- Cost-effective cheque personalisation using dedicated inkjet printers
- Print customer details (personalisation) and bank/branch details up to 7 (seven) lines
- Auto document feeder holds up to 500 cheques
- Connectivity with PC for data retrieval and fully controllable using software

## » SPECIFICATIONS

### BP-65 / BP-65S

<b>Model</b>	<b>Low Cost Type</b> : BP 65 MICR & Personalisation encoder with 7 dot matrix printer stations <b>Standard Type</b> : BP 65S MICR & Personalisation encoder with 7 dot matrix printer station, stapler function and label holder
<b>Document Feeder</b>	<b>Type</b> : Auto hopper <b>Capacity</b> : 500 documents for both models
<b>MICR Encoder</b>	<b>MICR Font</b> : E13B or CMC-7 *Factory option <b>Encoding fields</b> : All fields (65 digit) <b>MICR ribbon type</b> : Cassette one-time ribbon (85,000 characters/cassette)
<b>Printer</b>	<b>Head type</b> : Impact Dot Matrix Printer (9 pin in line, 9 pin staggered) <b>Printing character</b> : Numeric & Alphanumeric, 5 different fonts included

<b>Stacker</b>	<b>Capacity</b> : 500 documents
<b>Documents Specifications</b>	<b>Length</b> : 140mm - 275mm <b>Height</b> : 65mm - 115mm <b>Thickness</b> : 80-120gsm
<b>Processing Speed</b>	30 documents/min (encoding 30 MICR characters + 7 personalisation lines)
<b>Dimension</b>	93cm x 45cm x 37.5cm
<b>Weight</b>	36 Kg (BP 65) / 37.5 Kg (BP 65S)
<b>Power Supply</b>	110-220v(10%), 50/60 Hz
<b>Communication Interface with PC</b>	RS-232C (9600bps)

\* All specifications are subject to change for improvement purposes without any prior notice