

SMART BANDING MACHINE

**Innovation with built-in printer,
reliable, compact, heavy duty**



SM-90 Models



MODELS	FEATURES
SM-90 P	40 mm band, with printer, 4 lines x 20 characters
SM-90 B	40 mm band, without printer
SM-90 S	30 mm band, without printer
SM-90 SP	30 mm band, with printer, 4 lines x 13 characters

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PLEASE READ
THIS USER MANUAL CAREFULLY
BEFORE USING THE MACHINE !

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Product Introduction

Thank you for using the SM - 90 - new generation banknote banding machine.
The SM - 90 will support you with a lot of new features and advantages.

- The SM - 90 is constructed as a reliable, compact, heavy duty working banknote banding machine.
- With its compact size (40 x 11.2 x 24.5 cm) and less weight (8 kg), the working place of the machine can be changed easily. The small width allows to place the SM - 90 close by your banknote counting/sorting machines.
- The machine is operating with only DC 24V; there is no high voltage (AC 100 - 240V) within the machine that means much more security for the user. A power - adapter which supplies the machine with 24V is included in the delivery.
- The band feeding is very easy & comfortable with the removable feeding module.
- It is possible to use all kind of banding paper quality since the machine can be adjusted by software parameters to reach the best banding result.
It is not necessary (and not possible for operator) to make any mechanical adjustments or changes for different banding paper quality and banding result.

A significant innovative feature of the SM - 90 is the built - in printer function.

- After finishing of a banding cycle, the machine prints 4 lines of data on the band during pull- out movement of the strap.
- The printed 4 lines can contain fix & variable data with 20 characters each line.
- Data for each of 3 lines can be chosen by the operator from 8 transferred options (e.g. 8 operators).
- Date & Time will always be printed at bottom line and can be changed only by service or supervisor by making the data transfer.

For example:

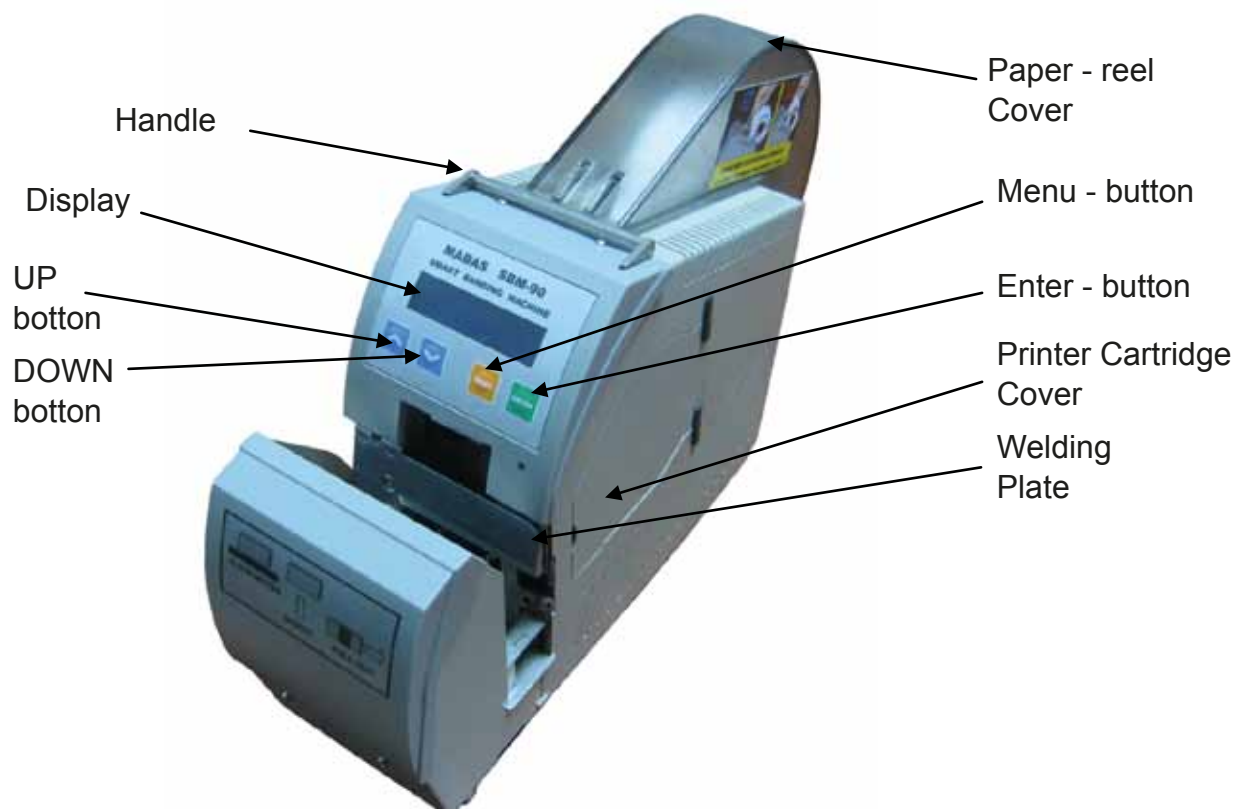
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Technical Specifications

BANDING SIZE	Banknote package size	100 banknotes
	Height	60 - 90 mm
	Width	25 mm
	Length	90 mm or more
BANDING TAPE	PE - coated paper, width	40 mm
	Reel inner diameter	50 mm
	Reel outer diameter	up to 170 mm
BANDING SPEED	17 - 20 banding cycles per minute	
POWER ADAPTER	DC 24 V max	80 W
	standby	5 W
	external AC/DC Power-adapter is included in delivery	
PRINTER CARTIGE	HP 51645 A (42 ml)	
NOISE LEVEL	less than 42 dB (A)	
WEIGHT	8 kg (without Paper - roll)	
DIMENSIONS	width x length x height : 11 x 40 x 24 cm	



Packing List



PACKING LIST	
1	The SM-90
2	Power - adapter
3	Data cable - RS 232
4	Paper - roll adapter
5	Printer Ink - cartridge, HP 51645A (42 ml)
6	Paper - roll (white for test)
7	User - manual
8	Software CD