

M-BOSS Lite

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1 Packing List

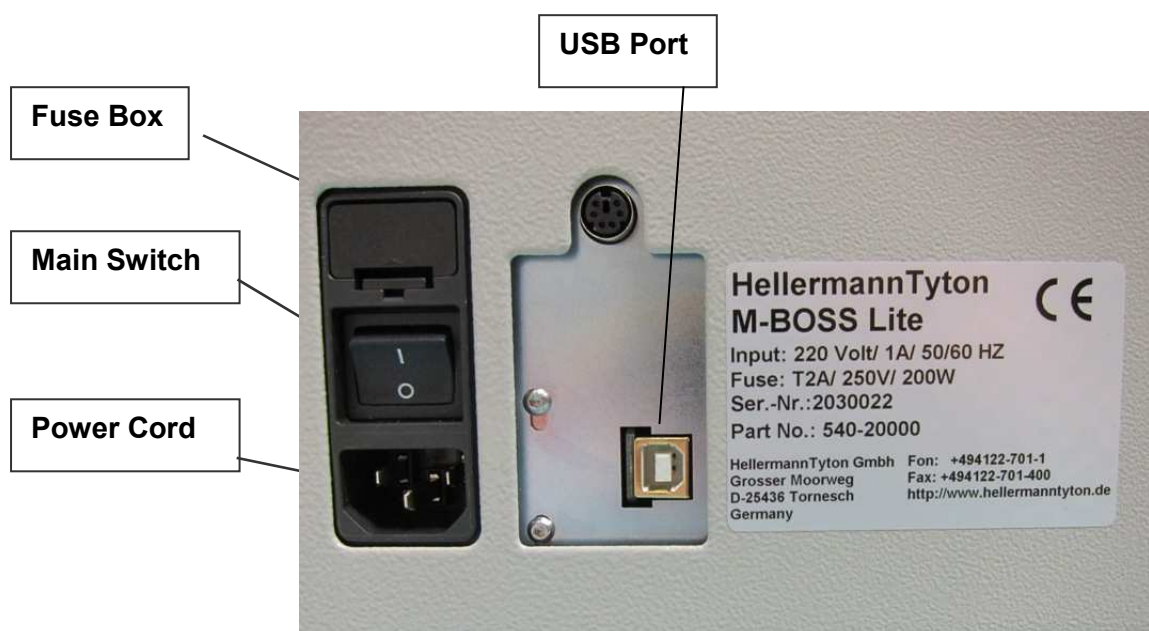
NOTE: Always move the machine with two people.

Machine dimension: 65 x 50 x 26 cm
Machine weight: 35 Kg

1. Open the box and check the packing list:
 - Machine
 - Power cord
 - USB cable
 - Installation CD
 - 4 magazines
 - 4 weight blocks
 - 2 keys
2. Remove the safety tie
3. Place the machine on a table

1.1 Installation

- Make a visible check inside the machine.
- Verify that the voltage marked on the machine label corresponds with your country voltage supply.
- Connect the power cord.
- Power on the machine.
- USB connect



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Console

The M-BOSS Lite console is made by:

1. LCD display (2 lines per 40 characters)
2. Three function keys:
 - Key CLEAR used to clear the error condition and to enter in PC ONLINE mode
 - Key SET used to unlock the embosser drum when a punch error occurred
 - Key PAUSE used to enter in pause mode.
 - Pressing PAUSE the RED LED will blink. Now use key CLEAR to have a “Step to Step” motor motion. When finished, press PAUSE key and CLEAR key again.
3. Two colours LED with the following meaning:
 - GREEN colour when the machine is READY
 - RED colour when the machine is in ALARM
 - GREEN + RED (YELLOW) when the machine BUSY



2.1

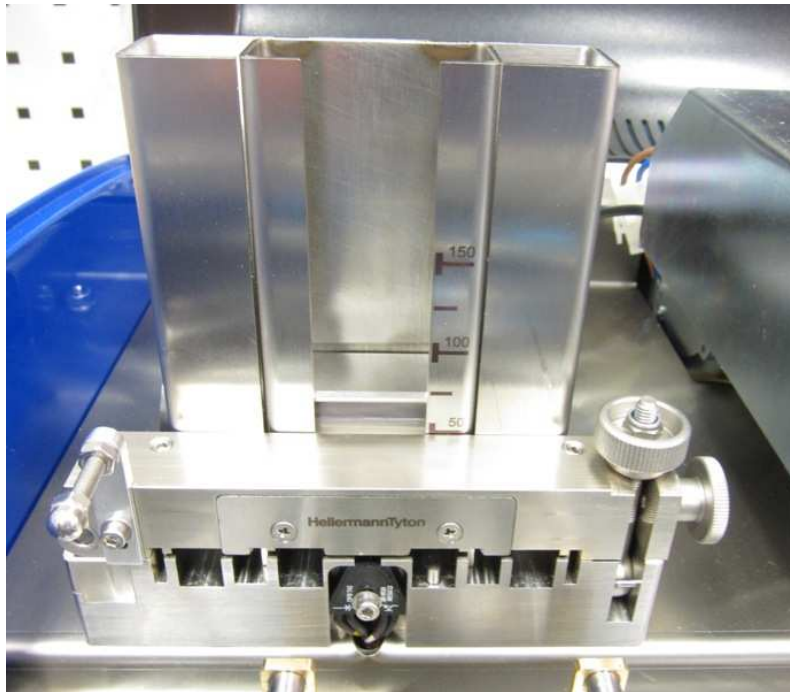
Configuration

M-BOSS Lite is provided with the following features:

- Magazine holder
- Embosser
- Unloader (side ejector)

2.2 Magazine Unit

M-BOSS Lite is provided with a fastener for different magazines



The magazine unit height is 100 mm, it has the capacity of 150 plates (0.35 mm thickness)
Marker size: 10x45, 10x90, 20x45, 20x90 mm



3 The Embosser

M-BOSS Lite is provided with fixed embosser module as standard configuration and uses embossing drum with 60 characters.



4 The Unloader

M-BOSS Lite is provided with a side ejecting belt



5 Power On

Powering on the machine, the LCD display will show:

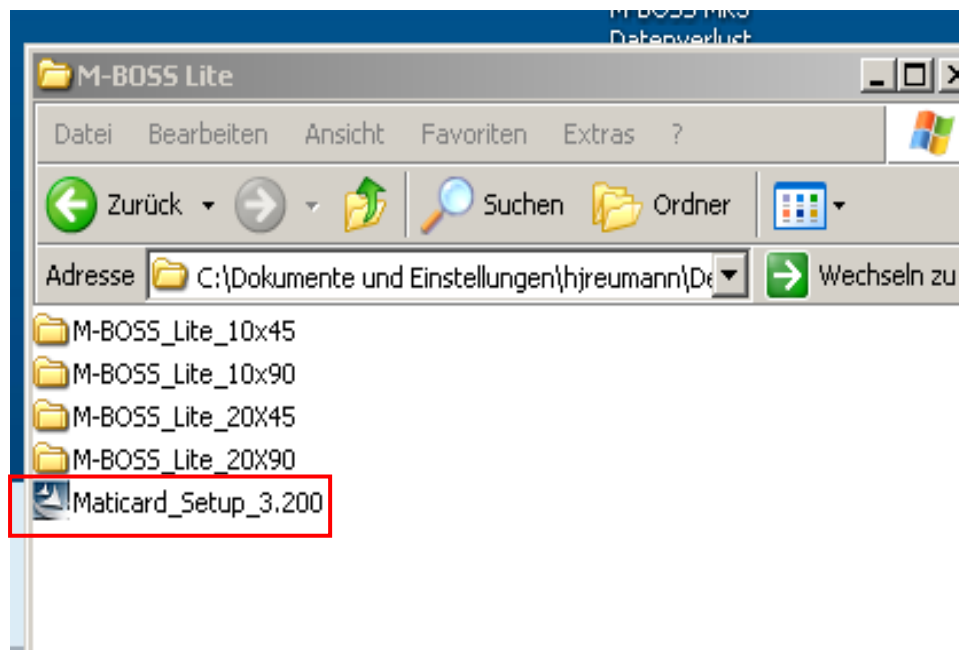
```
E01-                POWER-ON                Ver. C-x-xxx  
PRESS CLEAR or ESC to CONTINUE
```

Press **CLEAR** on the console to restore the machine and the LCD display will show:

```
HELLERMANN TYTON - M-BOSS LITE No.2030023  
  
READY
```

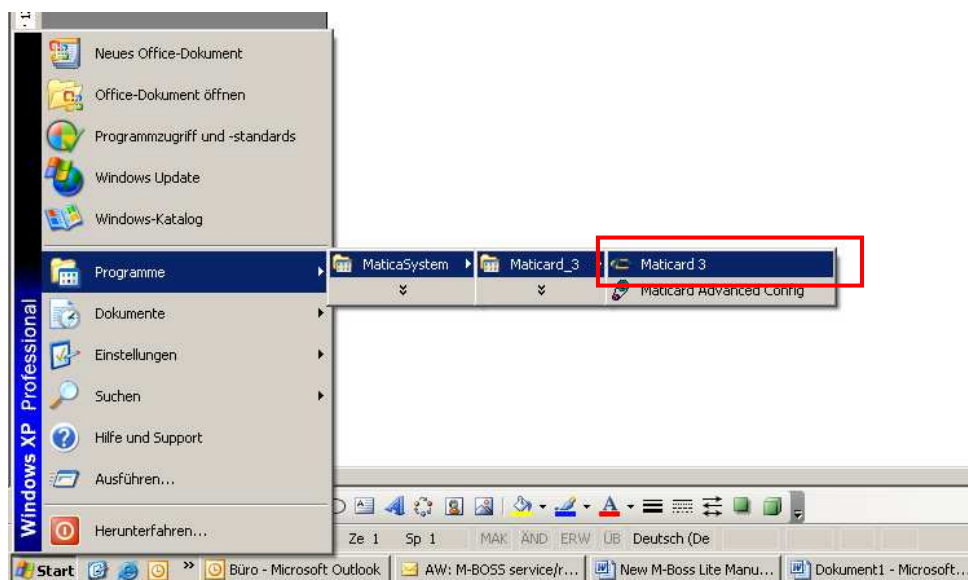
6 M-BOSS Lite Printer Software User Guide

Load the complete **M-BOSS Lite folder** from the installation CD on your Desktop

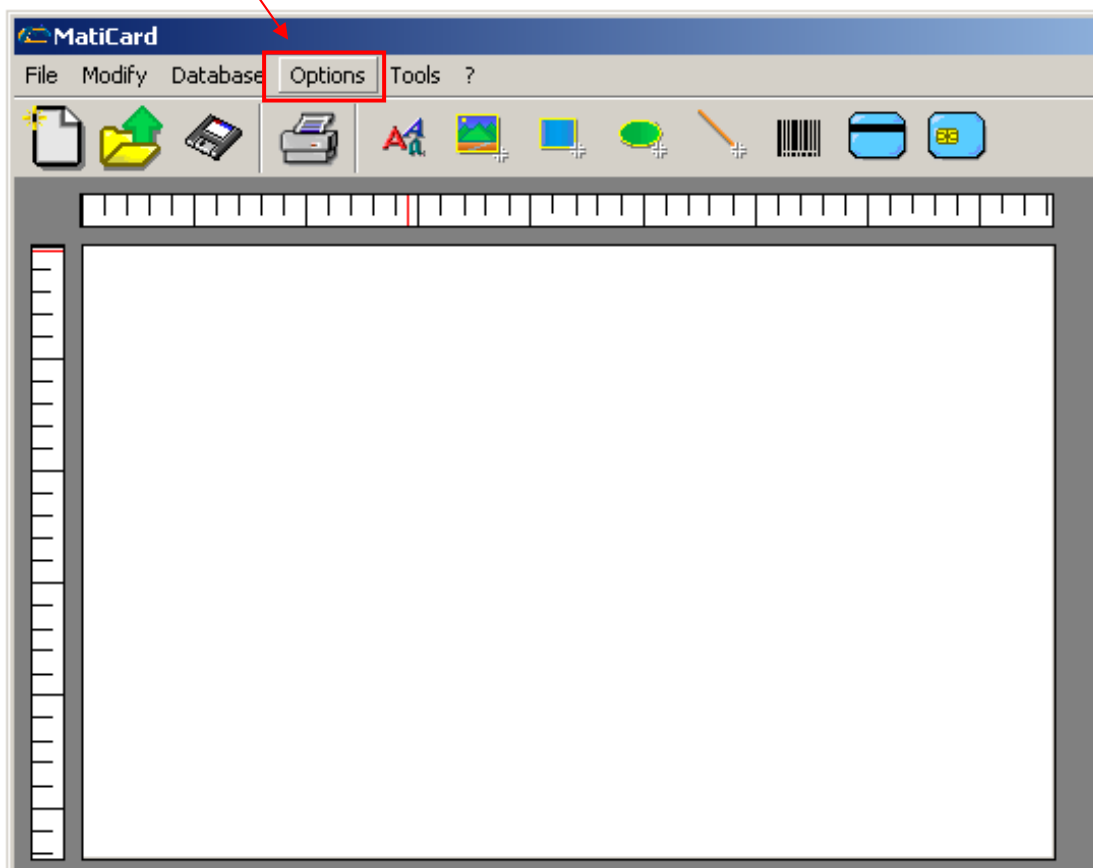


1. Open the folder
 - Double-click **Maticarad_Setup_3.200**
 - follow the installation instructions
 - close with finish

2. Open the Marticard Software

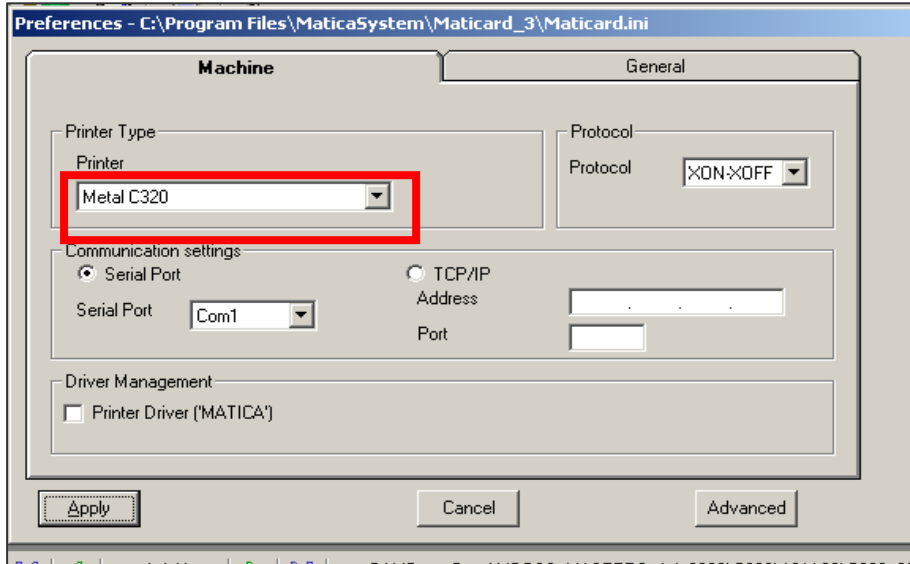


3. Click Options



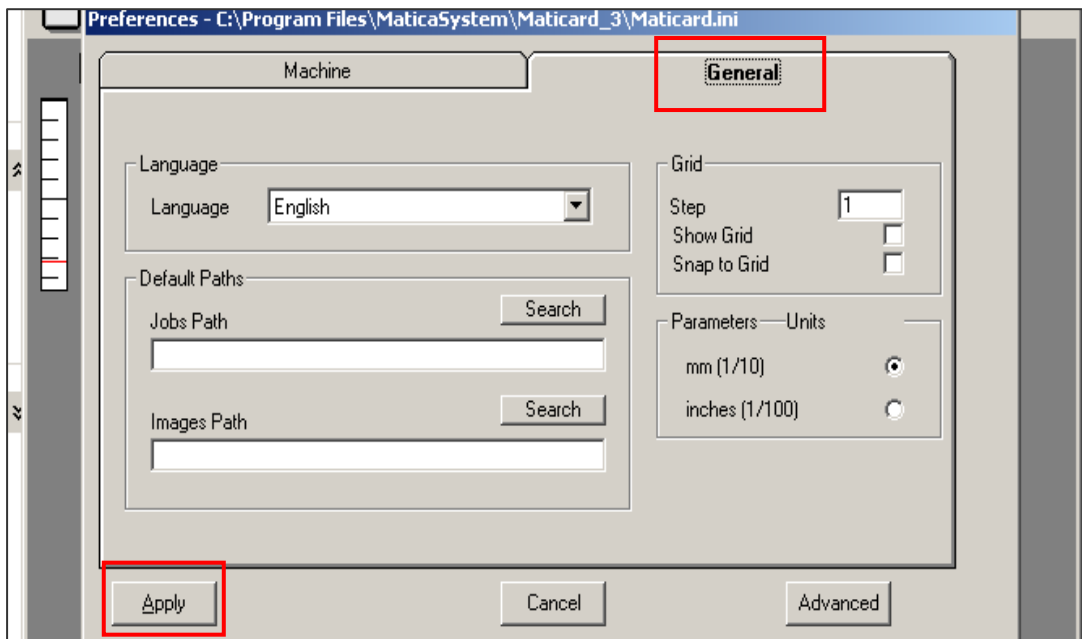
4. Select **Preferences**, select Printer **Metal C320**

Check that the screen appears as below on the **Machine** tab



5. Click **General**

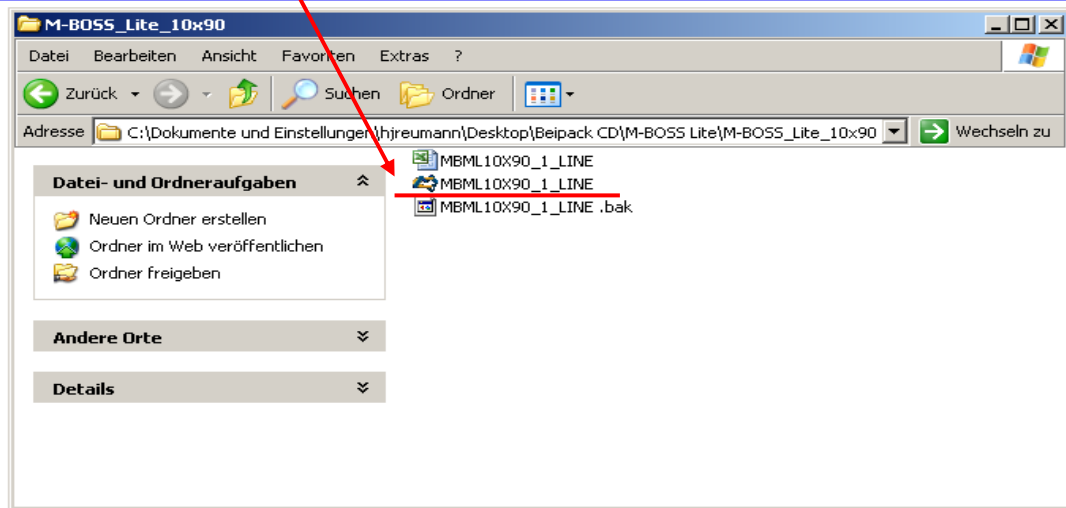
Check that the screen appears as below on the **General** tab



Apply
Close with X

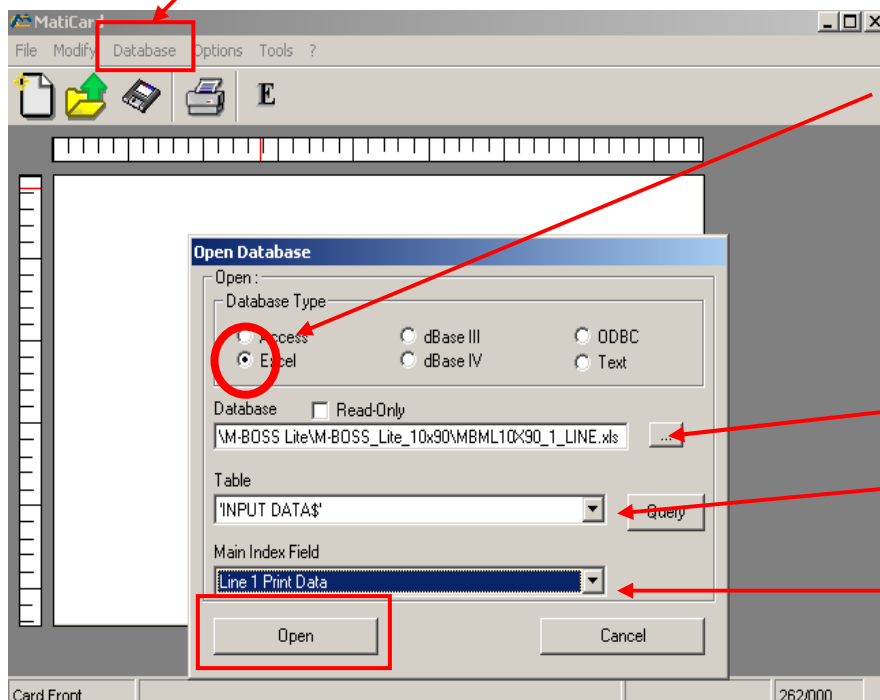
Now you have to link the Excel table to the Software example Marker 10x90
Open the Folder M-BOSS_Lite_10x90

Double-click MBML10x90_1_Line



Click two times OK

Click Database and open Database



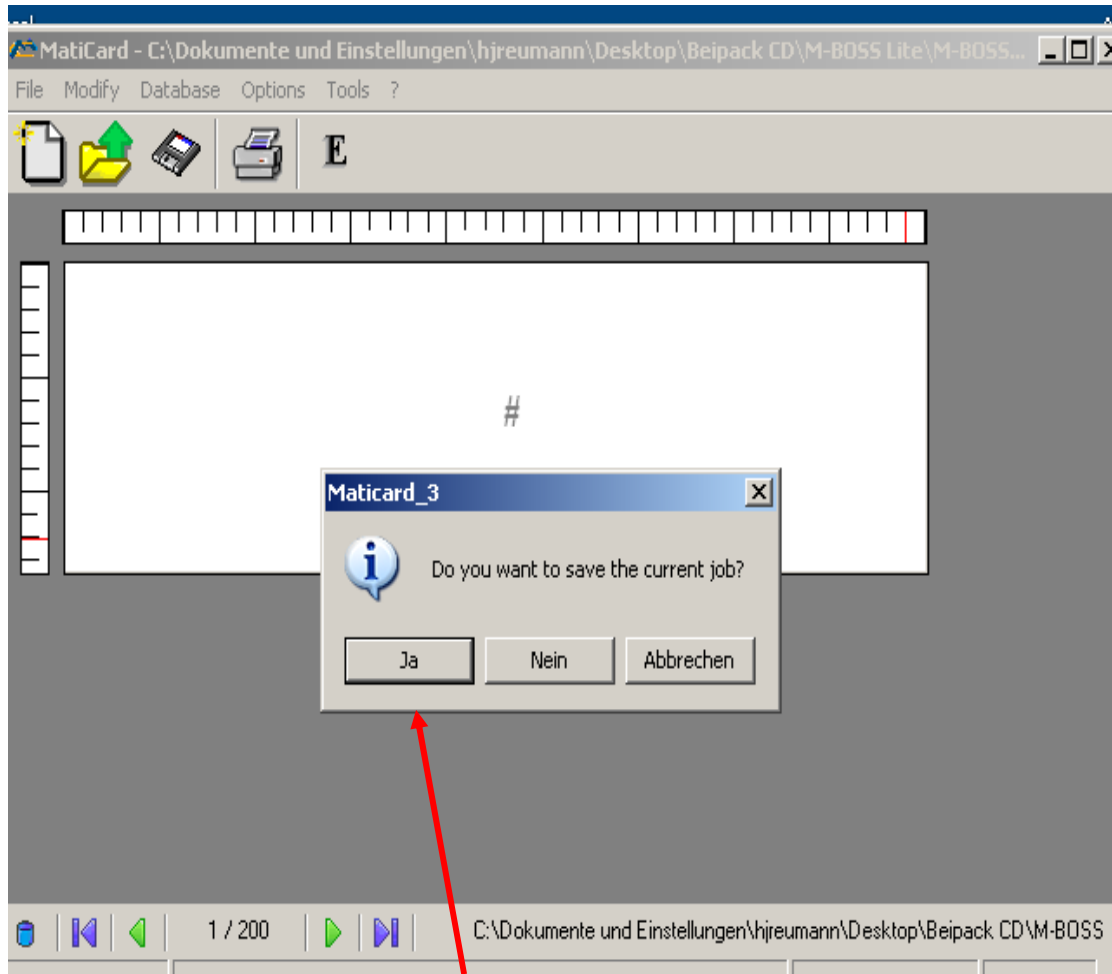
Select Excel

Select the Excel table 10x90
from installation folder

Select always
"INPUT DATA\$"

Select Line 1 Print Data for
1 Line Marker
Select Line 2 Print Data for
2 Line Marker
Select Line 3 Print Data for
3 Line Marker

Click Open



Click exit

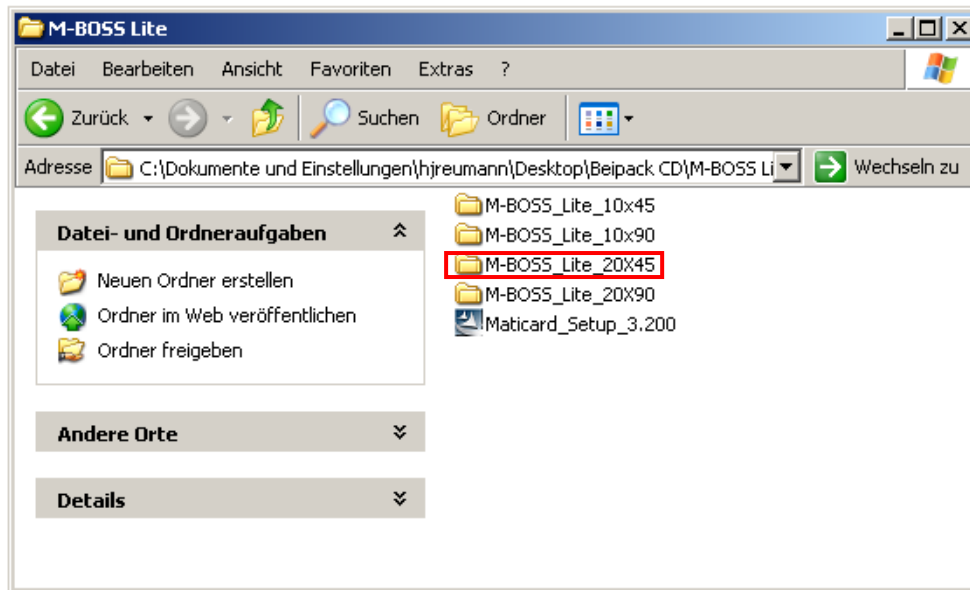
Click OK to save the job and OK

You have to repeat the procedure to every Marker size and 1 to 3 Line Marker

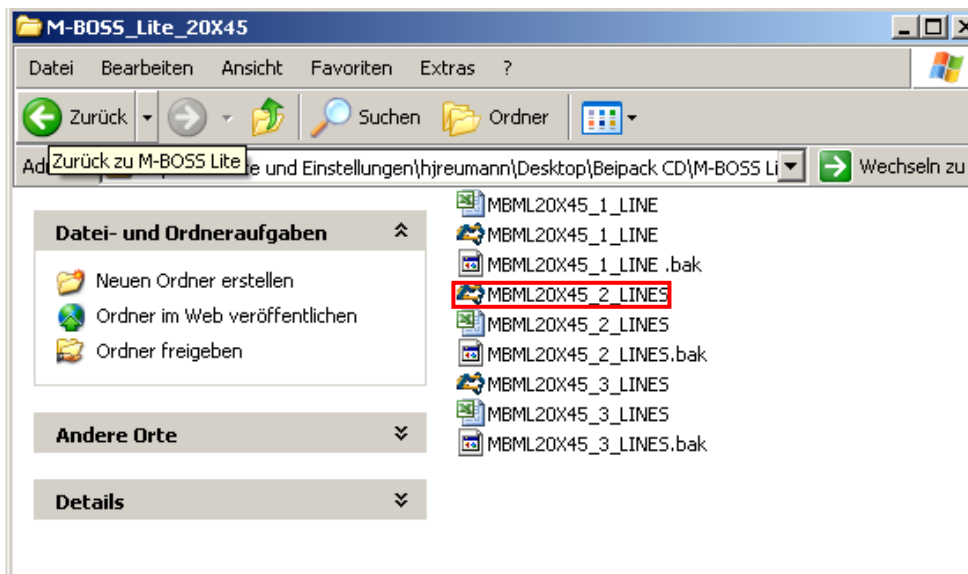
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Printing

Open the folder with the marker size you want to print, for example **20x45 2 Lines**



Double-click the Print Software **MBML 20x45 2 LINES**



Click on the printer symbol

quantity of the same marker

Lines from Excel table

Backwards on Excel table

forwards on Excel table

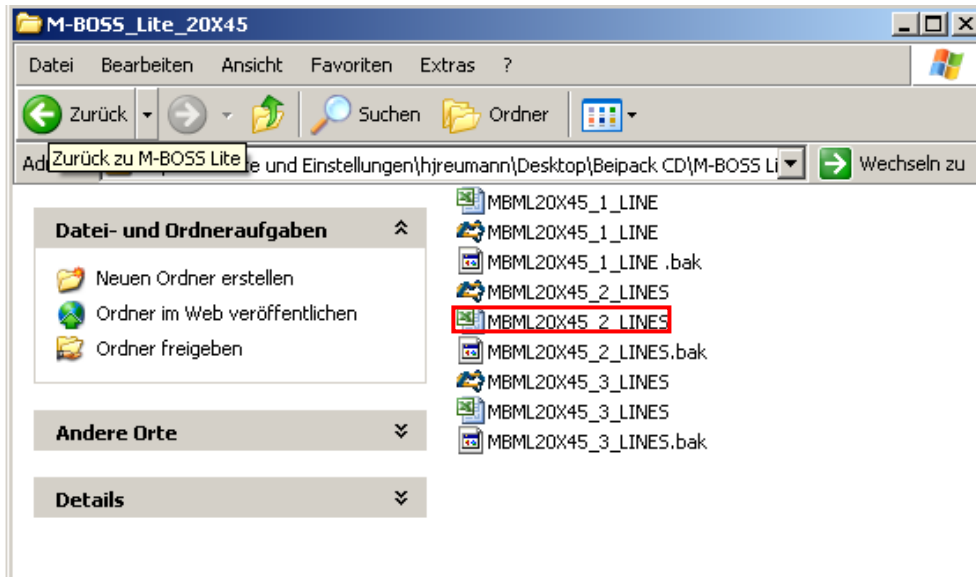
print copies

print active lines from Excel table

Edit Excel table

Open Excel table of the marker size you want to print

For example **MBML 20x45 2 LINES**



Write directly into the table and safe

The screenshot shows Microsoft Excel with the file 'MBML20X45_2_LINES'. The table has the following data:

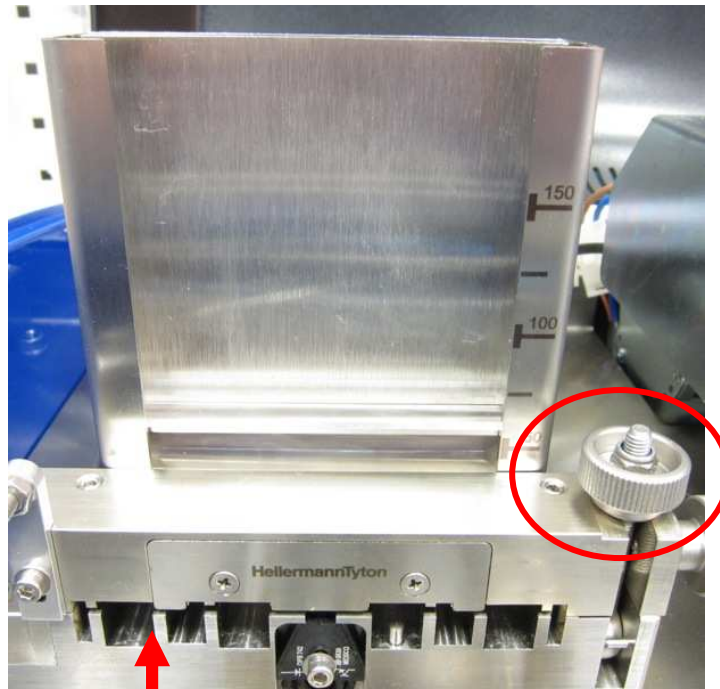
	A	B	C	D	E	F	G
	Marker No	Line 1 Print Data	Quantity	Character Length	Line 2 Print Data	Quantity	Character Length
1	1	#	1	1	#	1	1
2	2	M-BOSS	1	6	LITE	1	4
3	3	HELLERMANN TYTON	1	15		1	0
4	4		1	0		1	0
5	5		1	0		1	0
6	6		1	0		1	0
7	7		1	0		1	0
8	8		1	0		1	0
9	9		1	0		1	0
10	10		1	0		1	0
11	11		1	0		1	0
12	11		1	0		1	0

If you write too many signs for the marker size, the area **Characters Length** changes to red

[USB installation look at external USB manual](#)

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Changing the Magazine



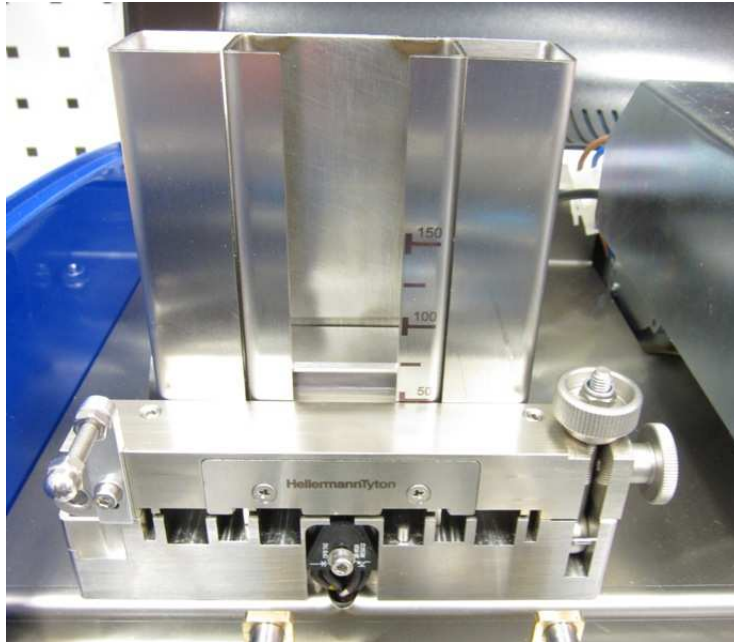
Push marker back into the magazine

to open the bridge unscrew the nut

Open the bridge and take off the magazine and marker



Change the magazine



Close the bridge, fasten the nut

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Error list

When an error occurred the LCD will show the messages listed below. Apply the proper procedure to remove the error condition and then press CLEAR to continue (please read carefully the error comments).

E01- POWER ON	At the power on the machine will show this message. Press CLEAR to continue.
E02- OUT OF CARD	There are no more plates in the hopper; please load some plates.
E03- PLATE NOT LOAD	The plate has not been loaded. Open the cover and check, maybe the plate is bend and the clamp don't pick it well.
E04- X MOTOR ERROR (X-HOME)	During the movement to the hopper position something stop the carriage. Open the cover and check the cause
E05- Y MOTOR ERROR	Y movement error. Check the plate probably is wrong embossed, maybe the plate is bend and hit in the drum or the format set a Y coordinate too low.
E06- X MOTOR ERROR (X-END)	During the movement to the unload position or during the embossing something stop the carriage. Check the plate probably is wrong embossed. If you heard a loud noise open the cover and remove the plate which is pre-feed
E07- DRUM MOTOR ERROR	Drum movement error. If you heard a loud noise open the cover and check manually if the drum is free to move; if not close the cover and press the SET key which will start the punch-recovery-procedure. Reopen the cover and verify that the drum is free to move, if OK press CLEAR to continue.
E08- PUNCH MOTOR ERROR	The punch cycle is lock. Press the SET key which will start the punch-recovery-procedure. When OK press CLEAR to continue.
E09- X MOTOR ERROR (X-TOTAL)	X movement error during the X total control procedure
E10- CARD UNLOAD ERROR	The plate is not unload or during the unload cycle the Y movement loose steps. The machine try 3 times to unload the plate before generating the error
E11- CARD LOST	The plate is missing during the personalization cycle
E20- FORMAT NUMBER ERROR (F0 to F9)	The format number must be from 0 to 9 for the embossing formats and form 10 to 19 for the Co-print formats
E21- FORMAT NAME ERROR (8 chars no space)	The Format name is max 8 digit. A SPACE or CR must separate the format name to the next command F1 FN=TEST1 Y100X100 → OK F1 FN=TEST1Y100X100 → WRONG F1 FN=TEST 1 Y100X100 → WRONG

E22- CARD DIMENSION SYNTAX ERROR	Wrong SX or SY command
E23- UNIT MEASUREMENT ERROR	Wrong Un command
E24- FIELD NAME ERROR (7 chars – no space)	The Field name is max 7 digit. A SPACE or CR must separate the Field name to the next parameter N=LINE1 Y100X100 → OK N=LINE1Y100X100 → WRONG N=LINE 1 Y100X100 → WRONG
E25- Y COORDINATE ERROR	Is OK: Y100 X100; Y50 X50; Y050 X050 Is WRONG: Y10 0 X100; Y 50 X50; Y 050 X050
E26- X COORDINATE ERROR	Is OK: Y100 X100; Y50 X50; Y050 X050 Is WRONG: Y100 X10 0; Y50 X 50; Y050 X 050
E27- TOO MANY FIELDS (max 50)	You exceed the maximum number of fields (50 max)
E28- FONT ERROR	Use font 0 (F0) or font 1 (F1)
E29- CHARACTER SPACE ERROR	Wrong Cinn or CSnn parameters
E30- VARIABLE FIELD SYNTAX ERROR	Check the syntax referring to the appropriate Manual chapter

E31- FIX FIELD SYNTAX ERROR	Check the syntax referring to the appropriate Manual chapter
E32- FORMAT WITHOUT FIELDS	The format need at least 1 field to be used
E33- FIELD NOT COMPLETE	Check the field.
E34- FIELD COMMAND ERROR	Command or Parameter wrong
E35- FORMAT MEMORY OVERFLOW	The format memory is over. Reediting the stored format and remove not needed Spaces in order to reduce the used memory
E37- FIELD-BUFFER OVERFLOW	You exceed the maximum number of characters
E38- ILLEGAL CHARACTER	A wrong character is received and cannot be emboss
E40- CONFIGURATION LOST	Hardware error : the mechanical parameters of the machine are lost. This can happen when a new version is download
E43- WORKING TIME LOST	Hardware error : the working time and counters are lost.
E44- INPUT CONVERSION TABLE DATA LOST	Hardware error : the input conversion table is lost.
E45- FORMAT AREA DATA LOST	Hardware error : the stored format are lost.
E46- RAM ERROR – PRESS CLEAR OR ESC TO CONTINUE	Hardware error : the RAM is defect. Power Off and On the machine again, if the error persist is necessary to change the logic board.
E48- COVER OPEN ERROR	Hardware error : close the cover. If it's closed, check the cover switch.

E60- UNLOADER HOME ERROR	Hardware error : check the unloader position.
E63- X-Y OVERFLOW ERROR	
E64- BUFFER OVFL.ERROR-DATA CORRUPTED	
E65- PUSHER ERROR	