

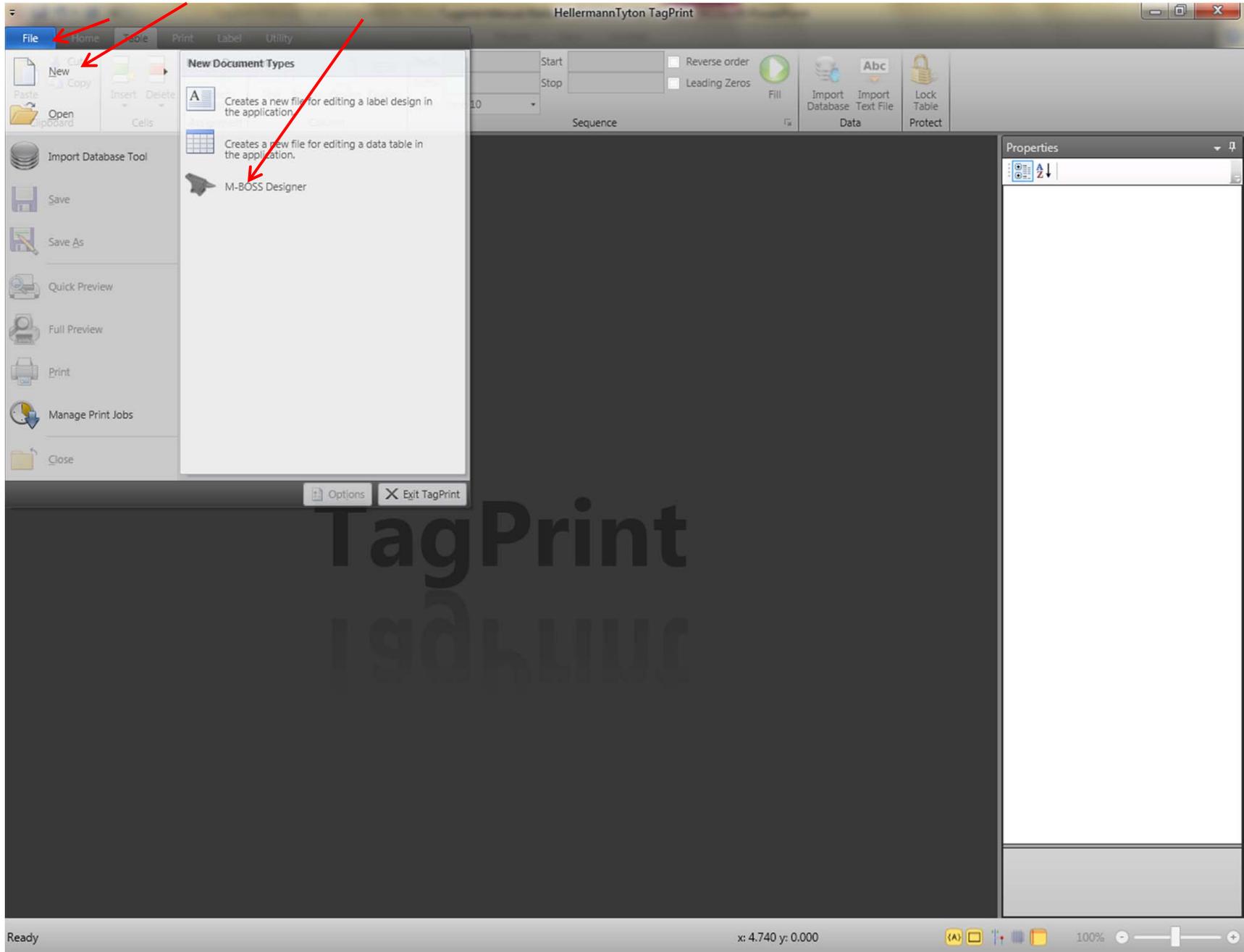
M-BOSS

- PRINTING TO THE M-BOSS SYSTEMS USING TAGPRINT 3.0

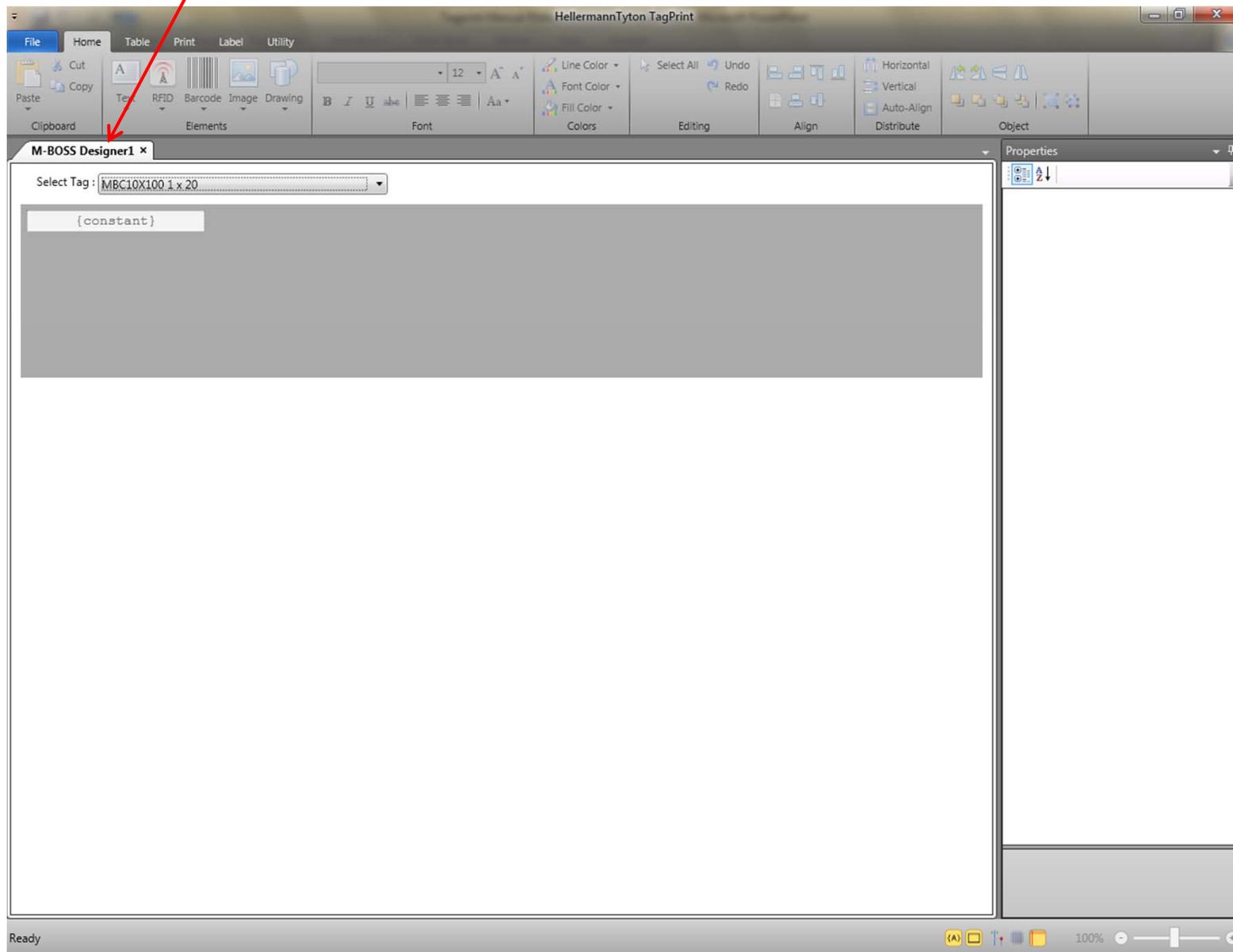


These features are available in build 3.0.1.391 or later.

M-BOSS DESIGNER

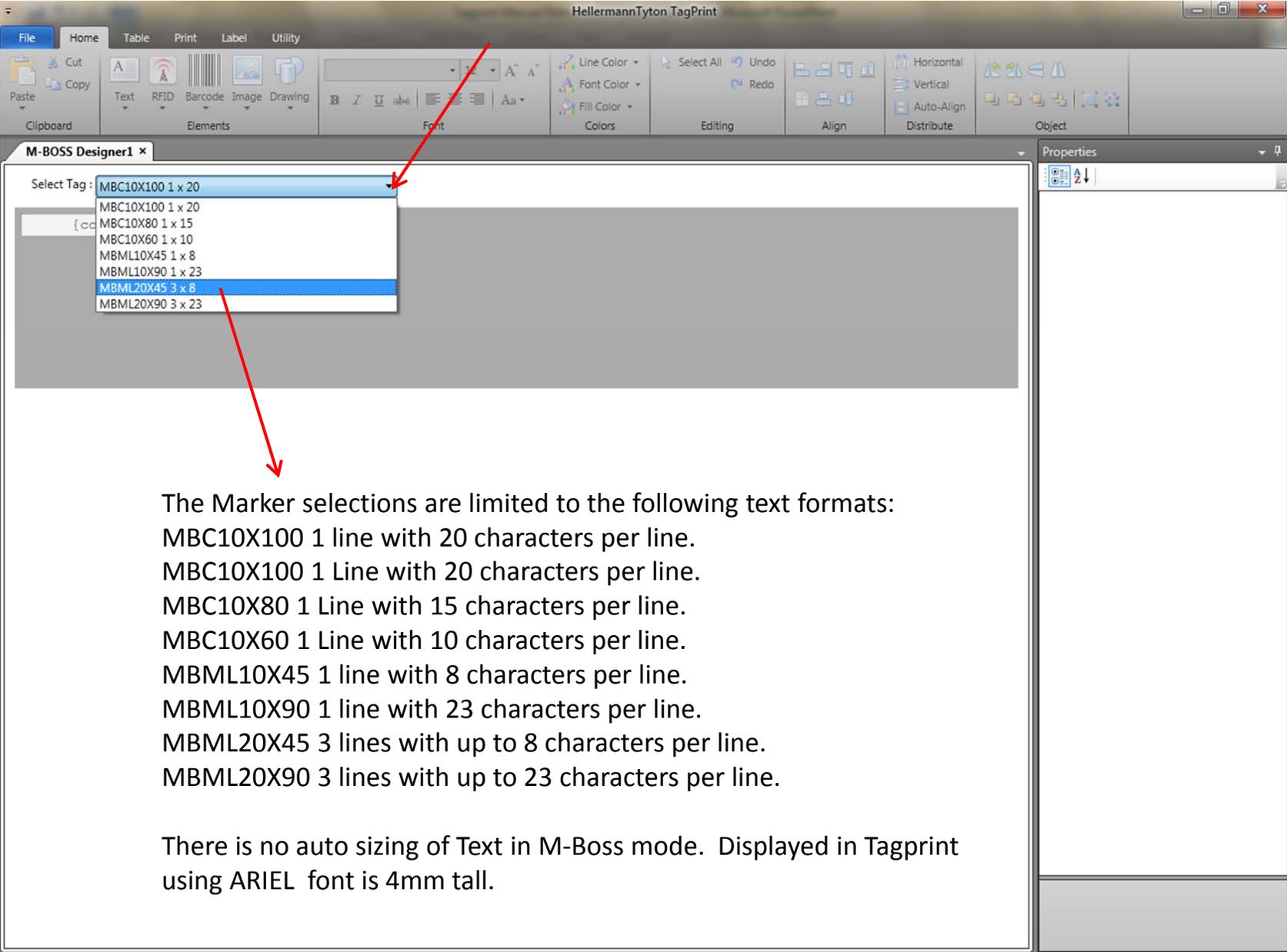


M-BOSS DESIGNER



The M-Boss Designer will come up for viewing and editing.

M-BOSS DESIGNER



The screenshot shows the M-BOSS Designer window with a 'Select Tag' dropdown menu open. The menu lists the following options:

- MBC10X100 1 x 20
- MBC10X100 1 x 20
- MBC10X80 1 x 15
- MBC10X60 1 x 10
- MBML10X45 1 x 8
- MBML10X90 1 x 23
- MBML20X45 3 x 8
- MBML20X90 3 x 23

Red arrows indicate the connection between the menu items and the text below:

- An arrow points from the first 'MBC10X100 1 x 20' option to the first line of text.
- An arrow points from the 'MBML20X45 3 x 8' option to the sixth line of text.

The following text explains the limitations of marker selections:

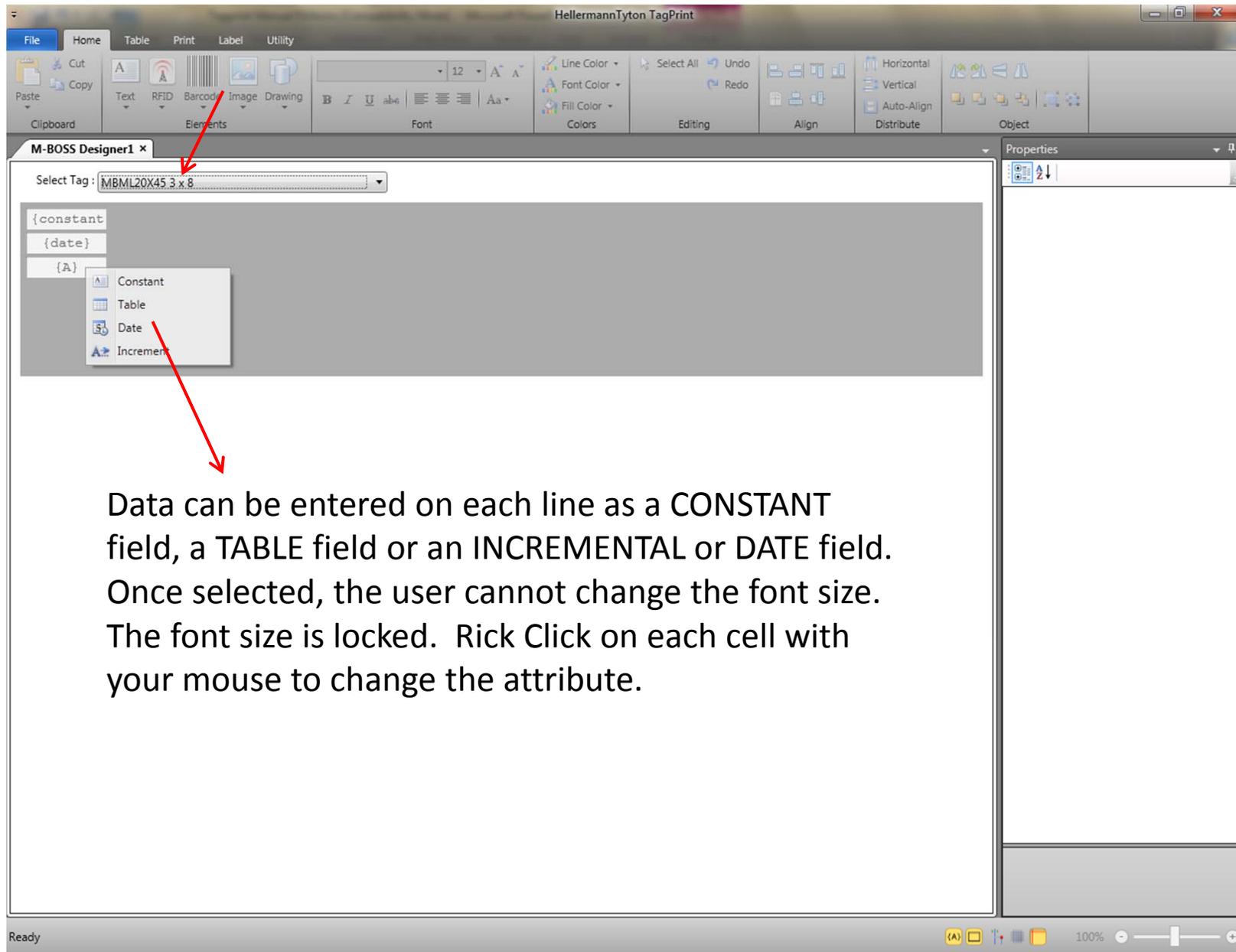
The Marker selections are limited to the following text formats:

- MBC10X100 1 line with 20 characters per line.
- MBC10X100 1 Line with 20 characters per line.
- MBC10X80 1 Line with 15 characters per line.
- MBC10X60 1 Line with 10 characters per line.
- MBML10X45 1 line with 8 characters per line.
- MBML10X90 1 line with 23 characters per line.
- MBML20X45 3 lines with up to 8 characters per line.
- MBML20X90 3 lines with up to 23 characters per line.

There is no auto sizing of Text in M-Boss mode. Displayed in Tagprint using ARIEL font is 4mm tall.

Ready

M-BOSS DESIGNER



The screenshot displays the M-BOSS Designer application window titled "HellermannTyton TagPrint". The interface includes a ribbon menu with tabs for File, Home, Table, Print, Label, and Utility. The Home tab is active, showing various toolbars for Clipboard, Elements, Font, Colors, Editing, Align, Distribute, and Object. The main workspace shows a "Select Tag" dropdown set to "MBML20X45 3 x 8". Below this, a table field is selected, and a context menu is open, listing options: Constant, Table, Date, and Increment. A red arrow points from the "Constant" option in the menu to the explanatory text below. The Properties panel is visible on the right side of the workspace.

Data can be entered on each line as a CONSTANT field, a TABLE field or an INCREMENTAL or DATE field. Once selected, the user cannot change the font size. The font size is locked. Rick Click on each cell with your mouse to change the attribute.

M-BOSS DESIGNER

Select Tag: MBML20X45 3 x 8

	A	B	C	D	E	F
1	M-BOSS01					
2	M-BOSS02					
3	M-BOSS03					
4	M-BOSS04					
5	M-BOSS05					
6	M-BOSS06					
7	M-BOSS07					
8	M-BOSS08					
9	M-BOSS09					
10	M-BOSS10					
11						
12						
13						
14						

Properties

Data Source

Delimiter: Space

Force Delimiter:

Table Column1: A

Table Column2: [Dropdown]

Table Column3: [Dropdown]

Table Column4: [Dropdown]

Table Column5: [Dropdown]

User Delimiter: [Dropdown]

General

Do Not Print:

Offsets

Horizontal: 146

Vertical: 149

12345678 ← Constant

{A} ← Table

{+1} ← Increment

Images, barcodes and drawing tools are not valid options for an M-Boss marker. Only a constant width text is allowed in the design process. M-Boss will print a 4mm tall character. Text entry is "Forced" upper case. If invalid characters are entered, the box border will turn red. An error box will prompt when the user attempts to print to M-Boss asking that they remove invalid characters before proceeding.

Each field can be different, but always limited to 8 characters for this particular marker.

M-BOSS DESIGNER

The screenshot displays the M-BOSS Designer software interface. The main window shows a table with 10 rows of marker data. The first row is highlighted in blue. To the left of the table, there is a 'Select Tag' dropdown menu set to 'MBML20X45 3 x 8'. Below this, there are three buttons: '12345678', '{A}', and '{+1}', each with a red arrow pointing to it and a label: 'Constant', 'Table', and 'Increment' respectively. To the right of the table, there is a 'Properties' tab with a red circle around the 'Horizontal' and 'Vertical' settings. The 'Horizontal' setting is set to 72 and the 'Vertical' setting is set to 128. A red arrow points from the 'Vertical' setting to the 'Text' field in the 'Text Box' section, which contains the value '12345678'.

	A	B	C	D	E	F
1	M-BOSS01					
2	M-BOSS02					
3	M-BOSS03					
4	M-BOSS04					
5	M-BOSS05					
6	M-BOSS06					
7	M-BOSS07					
8	M-BOSS08					
9	M-BOSS09					
10	M-BOSS10					

Properties

General

Do Not Print

Offsets

Horizontal 72

Vertical 128

Text Box

Text 12345678 ...

Each line of the marker has a default Horizontal and Vertical setting. These default settings will allow the standard 1 line and 3 line markers to print and align correctly using Tagprint Pro 3.0. As each line is highlighted in Tagprint Pro, the Horizontal and Vertical distance will display in the Properties Tab. This allows the user to make custom adjustments; i.e. centering two lines on a marker or moving lines up or down or left or right on the marker. The Horizontal will move a line of text left or right across the marker, while the Vertical moves a line of text up or down on the marker. Each increment is 0.1 mm per unit or 10 = 1.0 mm. Example, changing the vertical from 72 to 82 will move the line of text to the right 1.0mm. Decreasing the number will move the text to the left. There is no need to change these settings when printing unless the user has special requirements for line placement on the marker.

M-BOSS DESIGNER

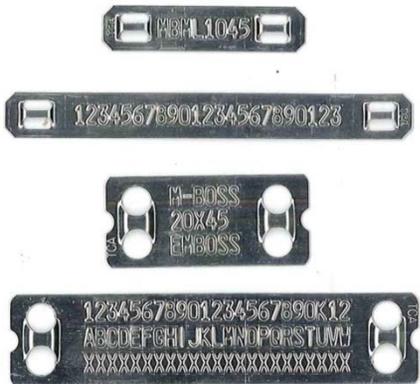
The screenshot shows the M-BOSS Designer software interface. At the top, there is a menu bar with 'File', 'Home', 'Table', 'Print', 'Label', and 'Utility'. Below the menu bar, there are icons for 'Quick Print', 'Manage Saved Jobs', and 'Printer' (MBOSS 2). The main workspace is divided into three sections: 'M-BOSS Designer1' on the left, 'Table1' in the center, and 'Properties' on the right. The 'M-BOSS Designer1' section shows a 'Select Tag' dropdown set to 'MBML20X45 3 x 8' and a preview area with three lines of text: 'TESTING', '{A}', and '{+1}'. The 'Table1' section shows a table with columns A through F and rows 1 through 11. The 'Properties' panels on the right show settings for each line of the marker. The top panel is for the 'TESTING' line, the middle panel is for the '{A}' line, and the bottom panel is for the '{+1}' line. Red arrows point from the text in the preview area to the corresponding property panels.

	A	B	C	D	E	F
1	M-BOSS01					
2	M-BOSS02					
3	M-BOSS03					
4	M-BOSS04					
5	M-BOSS05					
6	M-BOSS06					
7	M-BOSS07					
8	M-BOSS08					
9	M-BOSS09					
10	M-BOSS10					
11						

Properties (Top):
General
Do Not Print:
Offsets
Horizontal: 145
Vertical: 128
Text Box
Text: TESTING

Properties (Middle):
Data Source
Delimiter: Space
Force Delimiter:
Table Column1: A
Table Column2:
Table Column3:
Table Column4:
Table Column5:
User Delimiter:
General
Do Not Print:
Offsets
Horizontal: 145
Vertical: 149

Properties (Bottom):
Data Source - Incremental
Num Digits: 1
Use Leading Zeros:
Value: 1
General
Do Not Print:
Offsets
Horizontal: 145
Vertical: 170



- In this three line example, as the user clicks on each line to edit, the appropriate properties screen will appear to the right. Note how the Vertical and Horizontal default settings are slightly different for each line of the marker.

M-BOSS DESIGNER TAGPRINT PRO 3.0 PROPERTIES
 SETTINGS FOR HORIZONTAL AND VERTICAL POSITION
 OF EMBOSSED TEXT ON THE TAG – DEFAULT VALUES

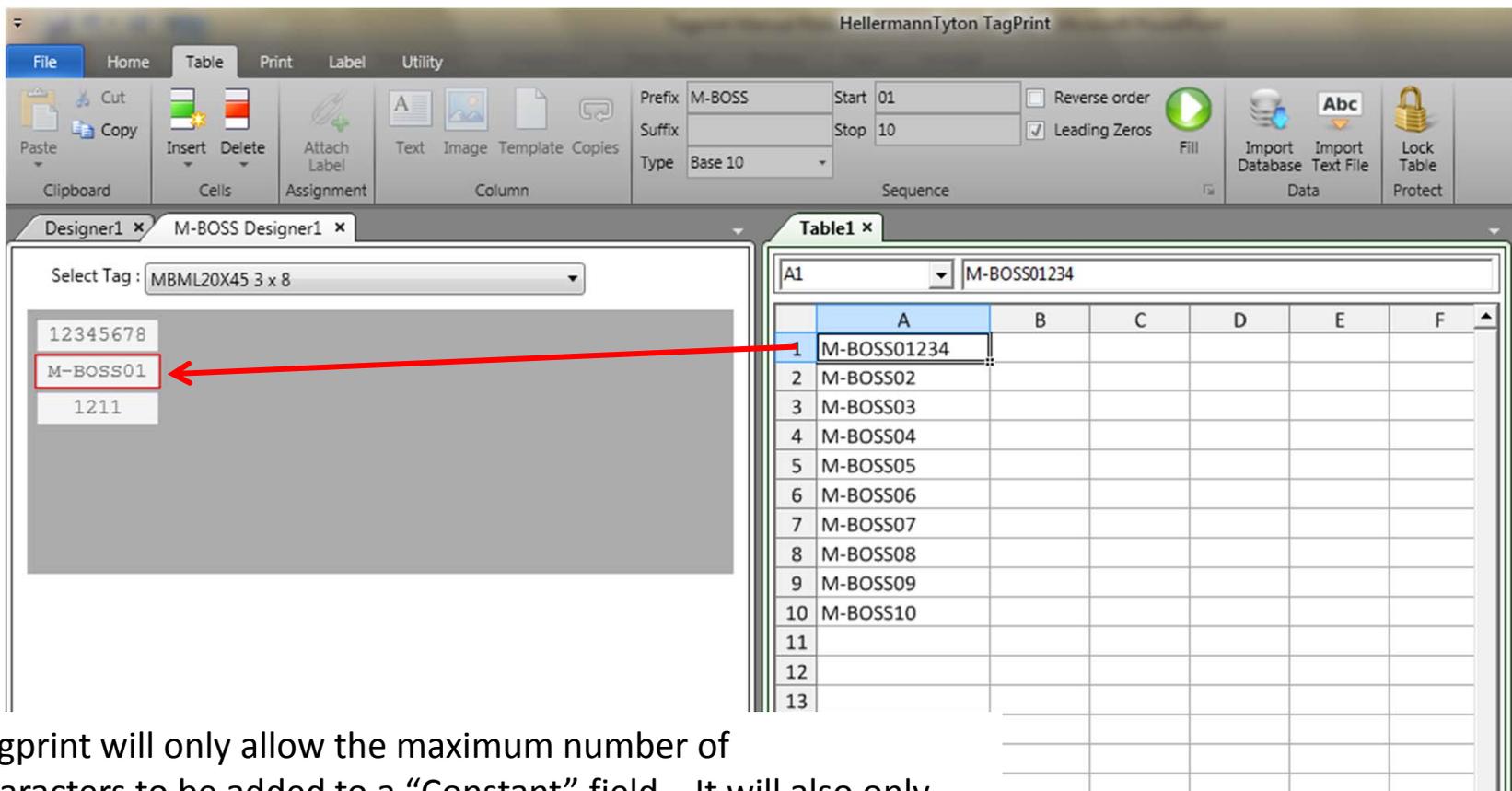
Part Number	Horizontal Setting (all lines)	Vertical Setting Line 1	Vertical Setting Line 2	Vertical Setting Line3
MBLM10X90	73	70	N/A	N/A
MBLM10X45	145	70	N/A	N/A
MBLM20X45	146	128	149	170
MBLM20X90	72	128	149	170

There are the default values for each M-Boss Lite Marker
 Each increment is 0.1 mm per unit or 10 = 1.0 mm.

A lower numbered Horizontal setting will push the line of text to the left while a higher numbered Horizontal setting will push the line of text to the right.

A lower numbered Vertical setting will push the line of text higher on the marker, while a higher numbered Vertical setting will push the line of text lower on the marker.

M-BOSS DESIGNER



Tagprint will only allow the maximum number of characters to be added to a "Constant" field. It will also only allow VALID M-Boss characters. If a data table is used and any data field contains more characters than allowed on the marker, the template field will turn RED so that the user can identify invalid fields.

M-BOSS DESIGNER

The screenshot displays the M-BOSS Designer application window. The title bar reads "HellermannTyton TagPrint". The menu bar includes File, Home, Table, Print, Label, and Utility. The ribbon contains various tool groups: Clipboard (Paste, Cut, Copy), Cells (Insert, Delete), Assignment (Attach Label), Column (Text, Image, Template, Copies), and Sequence (Prefix, Suffix, Type, Start, Stop, Reverse order, Leading Zeros). The main workspace is divided into three panes: "M-BOSS Designer1" on the left with a "Select Tag" dropdown set to "MBML20X45 3 x 8" and a list of tags (12345678, M-BOSS03, 1500); "M-Boss.tab3" in the center showing a table with columns A-F and rows 1-16, where row 3 column A contains "M-BOSS03"; and "Properties" on the right with sections for "Data Source - Incremental" (Num Digits: 4, Use Leading Zeros: checked, Value: 1500) and "General" (Do Not Print: unchecked).

	A	B	C	D	E	F
1	M-BOSS01					
2	M-BOSS02					
3	M-BOSS03					
4	M-BOSS04					
5	M-BOSS05					
6	M-BOSS06					
7	M-BOSS07					
8	M-BOSS08					
9	M-BOSS09					
10	M-BOSS10					
11						
12						
13						
14						
15						
16						

The constant text and table text or incremental number now show up in the template when the field codes icon is toggled.



M-BOSS DESIGNER

The screenshot shows the M-BOSS Designer application window titled 'HellermannTyton TagPrint'. The 'File' menu is open, displaying options such as 'New', 'Open', 'Save', 'Save As', 'Quick Preview', 'Full Preview', 'Print', 'Manage Print Jobs', and 'Close'. A red arrow points from the 'Save' option in the menu to the 'M-BOSS03' entry in a table. The table has columns A-F and rows 1-19. The 'M-BOSS03' entry is highlighted in row 3, column A.

	A	B	C	D	E	F
1	M-BOSS01					
2	M-BOSS02					
3	M-BOSS03					
4	M-BOSS04					
5	M-BOSS05					
6	M-BOSS06					
7	M-BOSS07					
8	M-BOSS08					
9	M-BOSS09					
10	M-BOSS10					
11						
12						
13						
14						
15						
16						
17						
18						
19						

CLICK ON FILE AND SAVE OR FILE AND SAVE AS TO SAVE THE M-BOSS TEMPLATE OR TABLE. NOTE: The M-Boss is TEXT only which means the program does not have anything it can draw to in which to create a preview like other templates. Therefore, the designer is the preview.

M-BOSS DESIGNER

The screenshot displays the M-BOSS Designer software interface. The main window is titled "HellermannTyton TagPrint". The menu bar includes File, Home, Table, Print, Label, and Utility. The Print dialog box is open, showing the following settings:

- Printer:** Name: MBOSS 2, Status: Ready, Type: Generic / Text Only, Where: COM6, Comment: (empty)
- Table Print Options:**
 - All
 - Selection
 - Range (from: 1, to: 10)
 - No of Each: 1
 - Sets: 1
 - Reverse Print Order
 - Label Saver
- Direct:** Labels, Pages (value: 1)
- Options:** Print Later, Skip: 0, Duplex (If supported)

Buttons for OK and Cancel are visible at the bottom of the dialog. A red arrow in the software interface points to the "Close" button in the left-hand menu. An inset image of a blue and white printer is shown in the bottom left corner.

Select FILE and PRINT and select M-BOSS DRIVER.