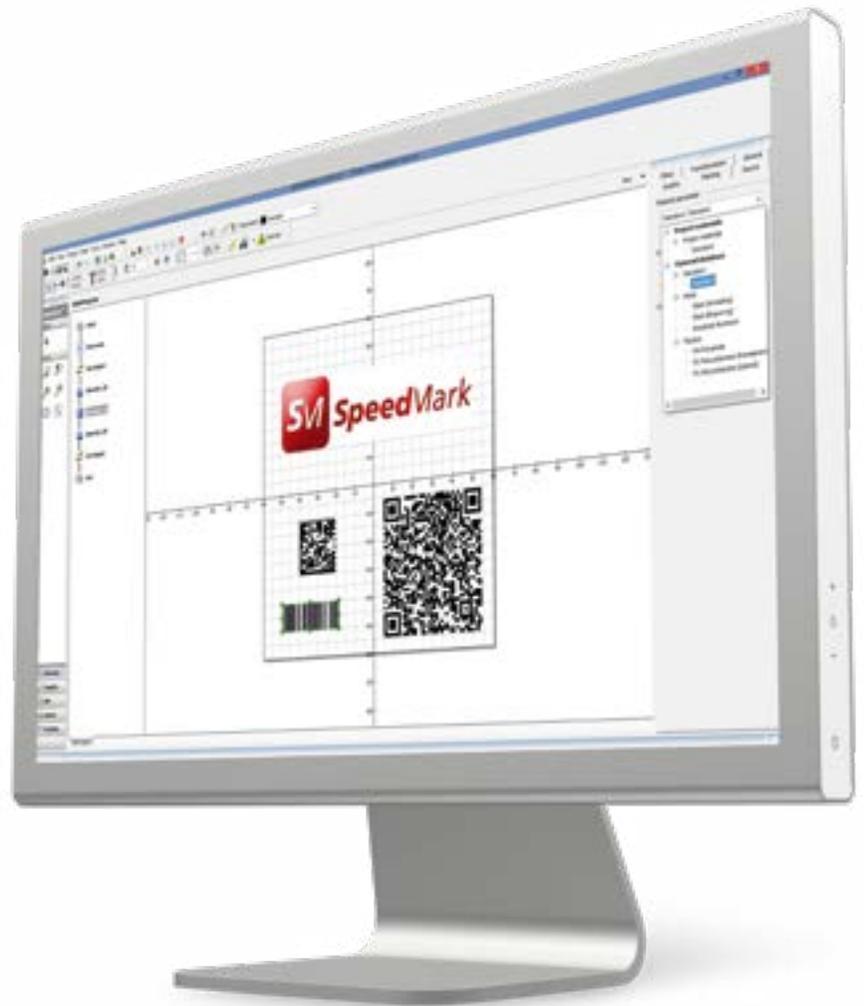


# → Laser Guide: Basic SpeedMark Program

The following is a step-by-step guide on how to make and process a basic marking program using the SpeedMark software.



Customizable.  
Comprehensive.  
User-friendly.



## Processes Covered

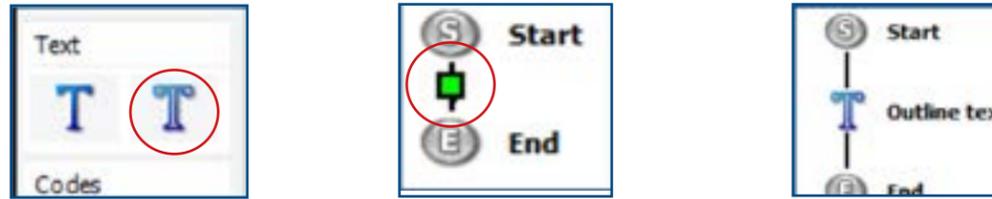
- Line Marking
- Ellipse Marking
- Outline Text Marking
- Rectangle Marking
- Arc Marking

## Equipment Needed

- SpeedMarker System
  - F 160 mm lens
- SpeedMark 3.1 b1 (or higher) software

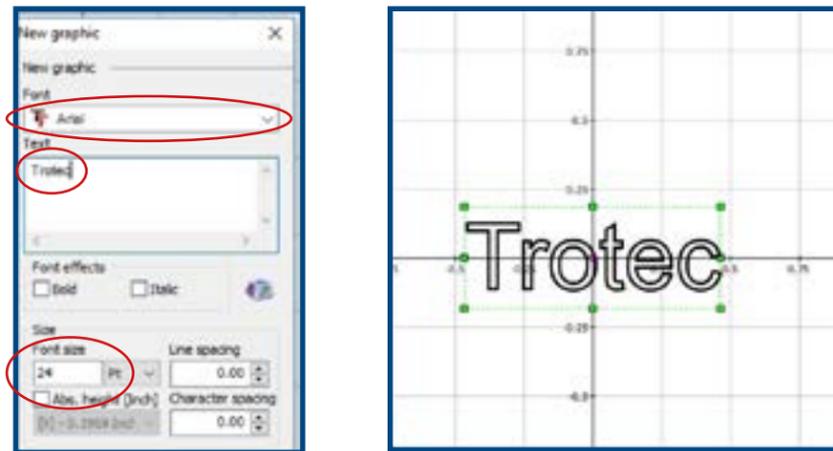


## → Step 1: Add Text to your Flowchart



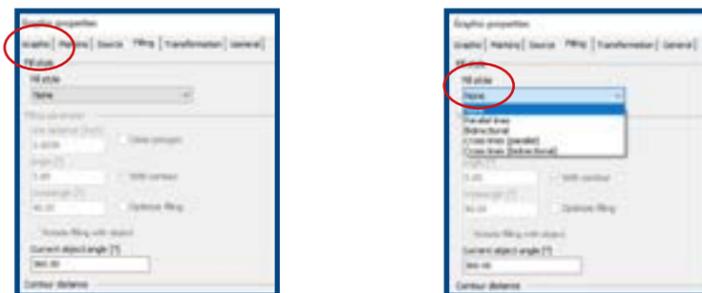
Select the outline text element on the left side of screen, then place the cursor in the flow chart and left-click to add to flow chart.

## → Step 2: Adjust “New Graphic” Settings



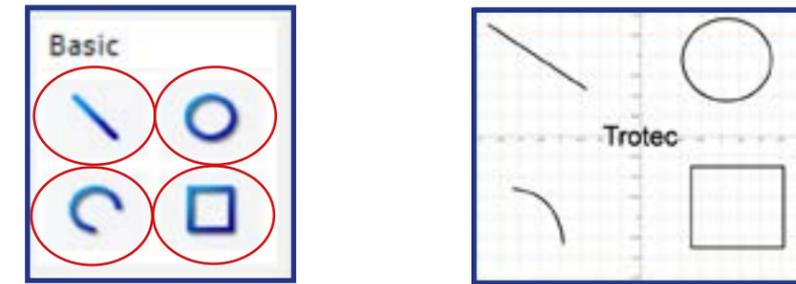
Once the text is placed on the flow chart, a “New graphic” screen will pop up. Type desired text, adjust text size, font style, and any other text attributes. When complete, select “Add,” then position the text on the field.

## → Step 3: Graphic Properties



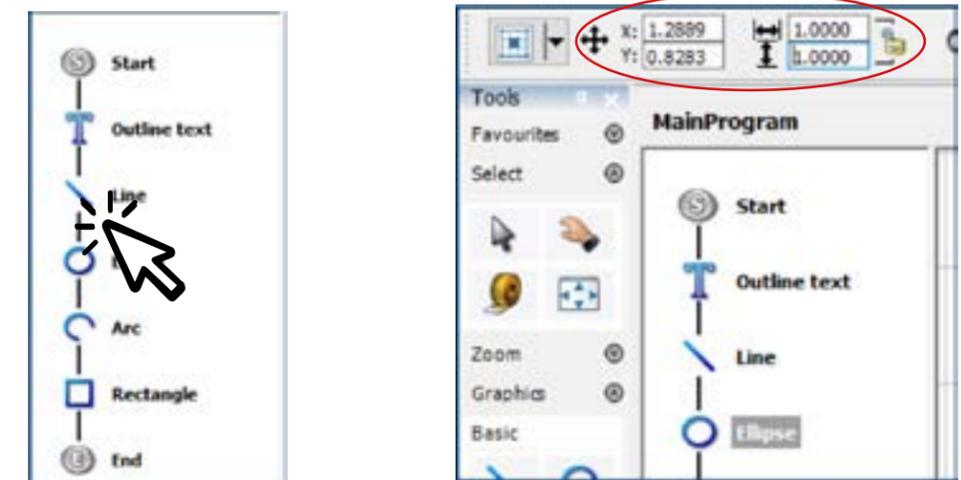
Select the text, then in graphic properties on the right side of the screen, fill the text using the fill style of your choice.

## → Step 4: Basic Elements



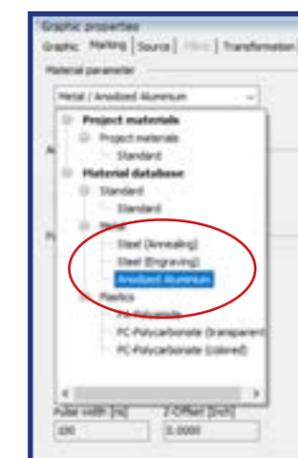
Select each basic element as shown, then left-click and drag to the main page to create each element. Once complete, each element will show on the flow chart.

## → Step 5: Adjust Element



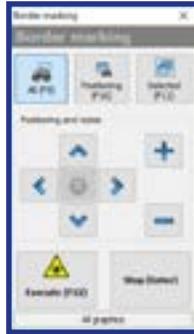
At any time, any element can be selected from the flow chart and adjusted. For example, the “Ellipse” is selected (above) and the size and location are being adjusted as needed.

## → Step 6: Material Parameter



Highlight (select) text and the all other basic elements, then select “Marking” in the left side of “Graphic properties.” Select the Material parameter and assign desired material from the materials database.

## → Step 7: Choose Cleaning Options

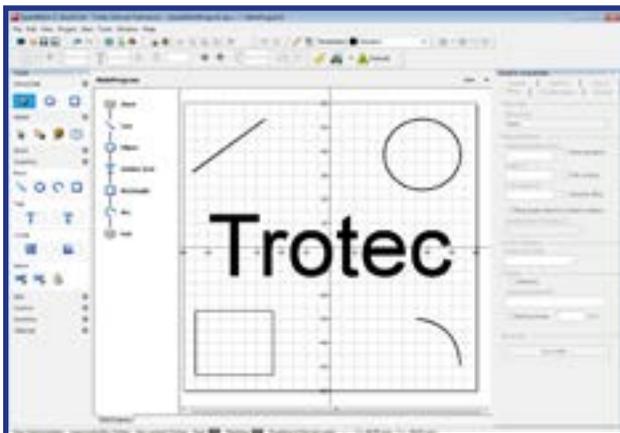


Position the job before starting the marking process. The pilot laser can be used to outline the position of the mark on the work piece. To start, press F9 or use the icon in the menu bar.

## → Step 8: Position the Job and Process



Start the marking process by pressing the F12 key or the Execute button in the menu bar.



### Process example

As illustrated in the flow chart (see left), the line will process first, then the circle is marked, followed by the text, and finally the rectangle and the arc. The flow may be adjusted by changing the order of the individual elements.

## → SpeedMark marking software is available for the entire Trotec SpeedMarker series.



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