

# Marking Methods, Inc



## Quick Start-Up for Pro Pen P5000

Step by step directions to give you a better understanding how to use the P5000

Plug into power source, located on right side near the rear.

Connect air pressure in rear.

Adjust air pressure to 5 bars

-Lift black plastic knob

-Turn clockwise to reduce pressure and clockwise to increase

Plug in keyboard into jack, located on top of the control panel

It will begin to load, please wait

Main Menu will appear, with eight options

Marking	Edit File	Marking File Management	System Info
Variables	Communication	Machine Conf	File Management

To maneuver, use arrow keys

Go to “**Edit File**”

Press “**Enter**”

It will give you 3 options

Create new File, Last Opened File, Open Existing File

Use arrow keys to maneuver to the left to “**create new file**”

Press, “**Enter**”

The screen will then show you

1/1	x axis	y axis	Aa (letter height)
<b>T (your text writing)</b>			

Press **Enter**

Notice the tabs 1,2,3 on the right side. Use the arrows to maneuver down. Go to 1 and press "**Enter**"

Use arrow keys to maneuver to the T (text)

Press "**Enter**" type **1 2 3 4 5** or **some short text**

Press "**Enter**"

Put a 1.00 for the x-axis the press **Enter** (left to right)

Put a 1.00 for the Y-axis, press **Enter** (front to back)

\*Note: the Pro Peen P5000 has a marking area of 100mm (3.937in) x 120mm (4.724in)

Put a 0.10 in the (Aa .10) for the size of the front, press **Enter**

Since we are doing a straight line, keep the "angle in degrees" to 0.0

Put the marking force at 50% (adjust accordingly)

Press **Enter**, use arrow keys to move down to tab 2

Tab 2 will appear

Use arrow to the box with the O, change the font to standard font

Change compression to 100

Exit out of tab 2 (using arrows)

Go to tab 3, Speed of File

A check in the box will appear press **Enter**

Use arrow key to tab down to (speed scale)

Use – (minus) or + (plus) keys to adjust marking speed (- +), adjust to 6

Use arrow keys to exit into tabs, go up into the **Ok** button on the top.

Press **Enter** and the text menu will appear

Press **F2** (Marking Preview) to view what the image will look like

Press **(Esc)** it will then take you in to the original file

Press **(Esc)** again and it will ask you to “save file”, use arrow keys to go to “yes” and press **Enter**

“Save As” will appear, type in file name 1234 or name you want to name it. Then **Enter**

“File Save” will appear, press **Enter**

Press **Esc**, main menu will appear, use arrows to maneuver to “Marking” on the top left, press **Enter**

Put a 1 in the number of markings, then go down to “open folder” press **Enter**

Select file name, 1234.tml and press **Enter**

Press **Enter** again, but do not proceed further until you put a piece of appropriate metal (scrape) 4in x 4in square under the P5000 securing it down with the appropriate clamps.

Adjust the height of the stylus using the crank on top of the P5000

The distance should be between 1mm (0.039in) and 5mm (0.197in)

\*Crank counter clockwise to lower, and clockwise to rise

\*For basic metal marking, crank stylus till it barely touches the surface you want marked, then crank clockwise (up) one and a half turns. This is the proper location for most applications.

Then press **Enter** and it will begin to mark.

This quick guide is designed to show you the most basic operation. With understanding of this basic procedure you will find it easier to navigate through the program

### Key Functions

F1 Help

F2 Marking Preview

F3 Tool Positioning

F7 Repeat Block

F8 1/3/5 Blocks View

F9 File Simulation

F4 Block Simulation  
F5 Add Block  
F6 Wizard

F10 Mark  
F11 Save File  
F12 File Parameters