

Set Surface Procedure for VE 810\ VE 810 XD

This procedure is only for VE 810's with limit switches.

VE810/VE810XD Set Surface - The "Set Surface" button is used to set the surface point of the material you are engraving.

The procedure for setting the surface is as follows:

- a) Use the X & Y jog buttons to move the spindle out over the material to be engraved
- b) Press and hold the Z down jog button until the spindle touches the engraving surface with "slight pressure being placed on the material".
- c) Press the "Set Surface" button once. The spindle should raise up slightly, approximately 1/4".

This is the distance the spindle will raise between each character, also called the "clearance".

This distance can be adjusted by using the Z up/down jog keys (arrows), and must be performed BEFORE proceeding to the last step.

- d) Now press the "Set Surface" button again.
- e) Press either the "Home Save" or "Home Cancel" button to send the spindle back to the home position.

If the last procedure is NOT performed, the spindle will start the engraving process from that position.

The surface is now set.

