

Q. What changes or improvements can I expect to see in the Matrix II from the previous model Matrix S?

- A. The Matrix II is a new and improved re-design of the Matrix S that has been offered by Ilco since 1994. Listed below are some of the major design changes or improvements that you will see in the Matrix II.
- While the Matrix S had electromechanical calibration, the Matrix II adds an audible alarm to the calibration procedure to indicate when the machine is properly calibrated.
 - On the Matrix S, the micrometer calibrating dial was located just above the tracer collet in the working area of the machine. In order to accommodate a wider transparent safety shield, the calibrating dial has been moved out of the working area and re-located above the protective shield.
 - The incandescent light on the Matrix S has been replaced with LED lighting with an on-off switch located above the cutting area.
 - The Matrix II has a wider transparent safety shield to minimize exposure to moving parts and chips during the cutting process.
 - A built in storage tray has been added to the hood of the Matrix II for holding key blanks, tip stops, etc...
 - The flip-out storage tray on the Matrix S has been replaced by a larger pull out storage drawer for convenient storage of additional cutters, tracers, tools, etc...
 - An additional safety feature has been added to the cutter motor control on the Matrix II. Once the motor On/Off switch has been turned to ON, the motor will not activate until the release button on the top of the vertical axis is pushed to lower the vertical carriage into the cutting position. Once the cutting operation is complete and the vertical carriage is raised the motor will stop automatically.
 - The HSS cutters and tracers for the Matrix II have a new alloy composition to improve cutter life. In addition, these new cutters and tracers will have plastic collars (red for cutters and black for tracers) with the tracer and cutter numbers on the collar for easier identification.

Q. Can the cutters, tracers, and other accessories for the Matrix S be used on the new Matrix II?

- A. Yes, all cutters, tracers, and accessories for the Matrix line of machines are interchangeable.