

# MDTools® *i*2025

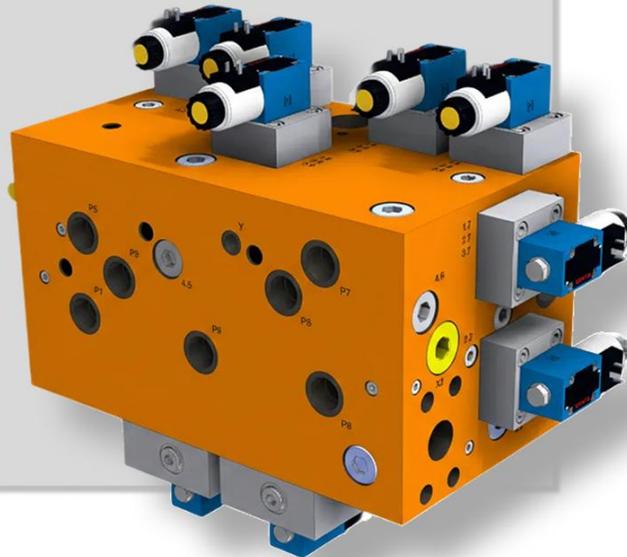
Enhancements and Bug Fixes

Update 2.0

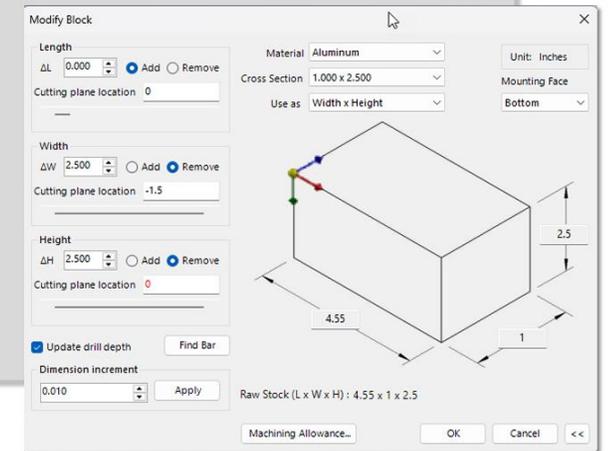
# Enhancements



Automatic Assembly now reads Stacked Valves data from source XMLs and MBXMLs



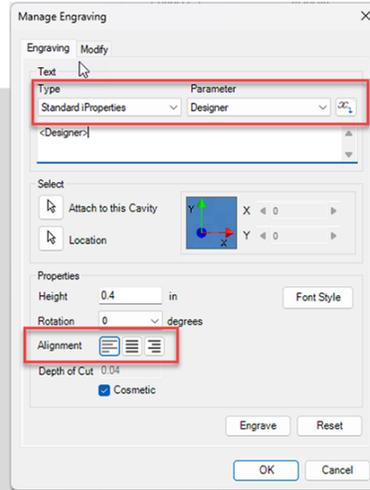
Material Cross Section data is now exported and imported with MBXML



# Enhancements



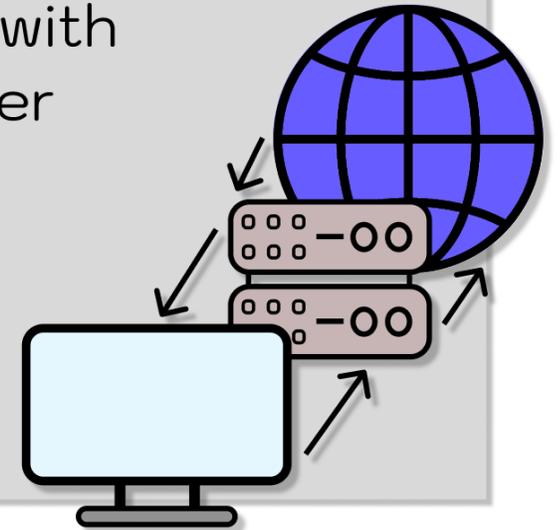
Use Inventor's Custom Properties when managing Engravings.



New Alignment options for multi-line engravings.



MDTools License Usage now supported with Proxy Server Networks



# Bugs Fixed



Sorting assembled components in the Assemble Component dialog caused an error when multiple assembled components were present in the list.



Could not insert a custom O-ring without using predefined O-ring information present in the library.



Browser flickering occurred when the parent cavity of a footprint was suppressed.



Insert Cavity and Change Cavity Face command were not updating the cavity diameter to the maximum drill size, ensuring Step12 reflects the largest port size.



Cavities with identical counter bores were not grouped properly in the machining chart.



An error occurred when using Copy Multiple and selecting multiple drill holes of the same footprint.



Update drawing froze at Update Engraved Text.



Connection Check command had inconsistencies in Poor Connection list.

# Bugs Fixed



Machining Callouts were adding spaces for drill diameter, depth, and remarks. Now all the spaces will be managed by Prefix/Suffix options of Machining Callout Settings.



Update Drawing froze when updating Angle Holes.



Non-Cosmetic engravings appeared on opposite faces in Show Internal Details command.



Machining Drawing commands were validating the Machining ID even when the cavity was suppressed.



Changing Net color in the Model Browser did not reflect in the Nets in Schematic Browser.



O-rings with identical counter bores were not grouped correctly during Machining ID generation.



Newly added engravings did not appear in drawing after Update Drawing.



Check Against Schematic command only displayed a blank page when no errors were discovered.

# Bugs Fixed



The Expander plugs were getting assembled in a flipped direction.



MDTools was adding duplicate port names to footprints on sheet 2 and new sheets after updating drawing.



Machining Callout did not display progress updates when executing the command.



Mirrored Footprints created with the 'With Counter Bore' option did not allow modification of the bolt hole positions using the Edit Footprint command.



Suppressing the parent cavity (bolt hole) of Footprint caused an unhandled exception from the MDTools Cavity Browser.



Ports/Nets information were removed when connecting a cavity to another cavity.