

# ZW3D 2024 Version Comparison

| Product and Version<br>● Supported all functions<br>○ Supported part of functions                         | ZW3D 2024 |          |              |          |                  |                  |         |
|---|-----------|----------|--------------|----------|------------------|------------------|---------|
|   | Lite      | Standard | Professional | Advanced | 2-Axis Machining | 3-Axis Machining | Premium |
| <b>CAD Function</b>   |           |          |              |          |                  |                  |         |
| Converter for IGES, Parasolid®, STEP, DWG/DXF, VDA, STL files, etc.                                       | ●         | ●        | ●            | ●        | ●                | ●                | ●       |
| Open, Save and Directly Edit: CATIA®, Inventor®, NX®, SolidWorks®, SolidEdge®, Creo®/ProE® and ACIS files | ●         | ●        | ●            | ●        | ●                | ●                | ●       |
| 3D Print Interface  | ●         | ●        | ●            | ●        | ●                | ●                | ●       |
| 2D, 3D Sketch & Wireframe   | ●         | ●        | ●            | ●        | ●                | ●                | ●       |
| Parametric Solid-Surface Hybrid Modeling  | ○         | ●        | ●            | ●        | ○                | ○                | ●       |
| Surface Modeling  | ○         | ●        | ●            | ●        | ○                | ○                | ●       |
| Assembly Design   | ○         | ●        | ●            | ●        | ○                | ○                | ●       |
| Data Inquire & Geometr Healing  | ●         | ●        | ●            | ●        | ●                | ●                | ●       |
| Direct Edit   | ○         | ●        | ●            | ●        | ○                | ○                | ●       |
| 2D Drawings   | ●         | ●        | ●            | ●        | ●                | ●                | ●       |
| PMI   | ●         | ●        | ●            | ●        | ●                | ●                | ●       |
| Standard Parts Library  | ●         | ●        | ●            | ●        | ●                | ●                | ●       |
| TraceParts Online Parts Library   | ●         | ●        | ●            | ●        | ●                | ●                | ●       |
| <b>Specialized Module</b>   |           |          |              |          |                  |                  |         |
| Sheet Metal Design  |           | ●        | ●            | ●        |                  |                  | ●       |
| Weldment Design   |           | ●        | ●            | ●        |                  |                  | ●       |
| Reverse Engineering - Point Cloud   |           | ●        | ●            | ●        |                  |                  | ●       |
| Structure Design  |           | ●        | ●            | ●        |                  |                  | ●       |
| Linear Static Analysis (Part)   |           | ●        | ●            | ●        |                  |                  | ●       |
| Linear Static Analysis (Assembly)   |           |          |              | ●        |                  |                  | ●       |
| Harness Design  |           |          |              | ●        |                  |                  |         |
| ECAD/MCAD Collaboration   |           |          |              | ●        |                  |                  |         |
| Piping Design   |           |          |              | ●        |                  |                  |         |
| Electrodes Design   |           |          | ●            |          |                  |                  | ●       |
| Mold Design   |           |          | ●            |          |                  |                  | ●       |
| <b>CAM</b>  |           |          |              |          |                  |                  |         |
| Drilling  |           |          |              |          | ●                | ●                | ●       |
| Auto-Feature Tactics  |           |          |              |          | ●                | ●                | ●       |
| 2-Axis Turning  |           |          |              |          | ●                | ●                | ●       |
| 2-Axis Milling  |           |          |              |          | ●                | ●                | ●       |
| Tool Path Editor  |           |          |              |          | ●                | ●                | ●       |
| Solid Verification  |           |          |              |          | ●                | ●                | ●       |
| ZW3D Post Processor   |           |          |              |          | ●                | ●                | ●       |
| NC Program (G code) Output  |           |          |              |          | ●                | ●                | ●       |
| 3-Axis QuickMill™   |           |          |              |          |                  | ●                | ●       |
| SmoothFlow™ Adaptive Feedrate Control   |           |          |              |          |                  | ●                | ●       |
| <b>Available Add-on Module (additional purchase required)</b>   |           |          |              |          |                  |                  |         |
| JT Format Import/Export   |           | ●        | ●            | ●        | ●                | ●                | ●       |
| CATIA®, SolidWorks® 2D Drawing Reading  |           | ●        | ●            | ●        | ●                | ●                | ●       |
| FTI Advanced Sheet Metal Flattening   |           | ●        | ●            | ●        |                  |                  | ●       |
| Nesting   |           | ●        | ●            | ●        | ●                | ●                | ●       |
| PARTsolutions Standard Parts Library  |           | ●        | ●            | ●        | ●                | ●                | ●       |
| KeyShot® Rendering  |           | ●        | ●            | ●        | ●                | ●                | ●       |
| Structural Simulation   |           | ●        | ●            | ●        |                  |                  | ●       |
| VoluMill™ High-Speed Roughing   |           |          |              |          | ●                | ●                | ●       |
| 4 & 5-Axis Milling  |           |          |              |          |                  | ●                | ●       |
| Full Machine Simulation   |           |          |              |          | ●                | ●                | ●       |