

## PRODUCT COMPARISON V14

|   | Lathe BASIC | Lathe STANDARD |
|---|-------------|----------------|
| <b>2D CAD</b>   | Y           | Y              |
| <b>Import DXF files</b>   | Y           | Y              |
| <b>Automatic Gouge free machining</b>   | Y           | Y              |
| <b>Constant Surface Speed Control</b>   | Y           | Y              |
| <b>Canned cycles for Drilling</b>   | Y           | Y              |
| <b>Supports 2 axis lathes with either a rear or front turret or tool post, also<br/>.....lathes with a cross slide configuration. Sliding head machines</b> | Y           | Y              |
| <b>Multiple Tooling databases with user configurable tools</b>  | Y           | Y              |
| <b>Tool types: Turn, Face, Groove, Trepan, Boring bar, Thread, Drill, Ream,<br/>Bore, and Tap</b>   | Y           | Y              |
| <b>Display tool center line or complete tool animation with tool holder</b>   | Y           | Y              |
| <b>Automatic area clearance between billet and finished profile</b>   | Y           | Y              |
| <b>Facility for defining stock such as a casting or forged blank</b>  | Y           | Y              |
| <b>Canned cycles for drilling, tapping, boring, reaming, and threading (parallel<br/>or tapered)</b>  | Y           | Y              |
| <b>Separate finishing allowance in Z and X</b>  | Y           | Y              |
| <b>Constant surface speed control</b>   | Y           | Y              |
| <b>Grooving cycles for face and diameter</b>  | Y           | Y              |
| <b>One hit machining with grooving tools, the groove tool can be used to<br/>rough and finishing in a single operation</b>                                  | Y           | Y              |
| <b>Output to your machine tool controller via standard post processors.</b>   | Y           | Y              |

|  |          |          |
|--|----------|----------|
| <b>Cycle time estimates</b>  | <b>Y</b> | <b>Y</b> |
| <b>Operator set-up sheets</b>  | <b>Y</b> | <b>Y</b> |
| <b>Part surface programming</b>  | <b>N</b> | <b>Y</b> |
| <b>Supports Bar feeders and pullers and Part catchers. Chuck open / close</b>              | <b>N</b> | <b>Y</b> |
| <b>Programmable tailstocks</b>   | <b>N</b> | <b>Y</b> |
| <b>Canned cycles for Facing and Turning (G71 &amp; G72) Grooving</b>                       | <b>N</b> | <b>Y</b> |
| <b>Built in RS232 communication package with full drip feed capability</b>                 | <b>N</b> | <b>Y</b> |
| <b>Output to virtually any machine tool controller, with free built-in post processors</b> | <b>N</b> | <b>Y</b> |
| <b>Import IGES and STEP files</b>  | <b>N</b> | <b>Y</b> |
| <b>Full Machine Tool Simulation</b>  | <b>N</b> | <b>Y</b> |