



PRODUCT OPTIONS	Lathe Entry	Lathe	Lathe combined with Mastercam Mill	Lathe combined with Mastercam Mill 3D
Mastercam Lathe				
CAD				
Solid modeling	X	X	X	X
Live surface modeling, patching, and repair	X	X	X	X
Create and dimension live wireframe geometry	X	X	X	X
Read/write IGES, DXF, SAT, Parasolid, EPS, and more	X	X	X	X
Read native AutoCAD, SOLIDWORKS, Solid Edge, and more	X	X	X	X
Read CATIA, Pro/E, and Unigraphics (UG NX)	Optional	Optional	Optional	Optional
CAD File Change Recognition	X	X	X	X
CAM				
3D tooling	X	X	X	X
Streamlined "Quick Toolpath" programming	X	X	X	X
Intelligent ID and OD roughing	X	X	X	X
Dynamic roughing		X	X	X
Easy finishing	X	X	X	X
Optimized facing	X	X	X	X
Grooving	X	X	X	X
Threading	X	X	X	X
Custom Threading		X	X	X
Canned cycle support	X	X	X	X
Automatic gouge checking	X	X	X	X
Boring, drilling, and point-to-point machining	X	X	X	X
Machine directly on a solid	X	X	X	X
Chuck, part, steady rest, and tailstock collision check		X	X	X
Fully associative toolpaths	X	X	X	X
Machine and control definition	X	X	X	X
PrimeTurning™		X	X	X
Face and cross contour		X	X	X
Face and cross drilling		X	X	X
3D C-axis contour machining		X	X	X
Plunge turning		X	X	X
Dynamic Milling (2D)			X	X
2D high speed toolpaths			X	X
Engraving			X	X
All pocketing routines			X	X
All contour routines			X	X
All drilling routines			X	X
Dynamic Milling (3D)				X
Full multisurface and solid roughing				X
Full multisurface and solid finishing				X
Full multisurface and solid "cleanup" machining				X
3D high speed toolpaths				X
Multiaxis machining				Optional