



LATHE

PRODUCT OPTIONS

Mastercam Lathe

Lathe Entry

Lathe

Lathe combined with Mastercam Mill

Lathe combined with Mastercam Mill 3D

CAD	Lathe Entry	Lathe	Lathe combined with Mastercam Mill	Lathe combined with Mastercam Mill 3D
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
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
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

