



	Expert	Lathe	Machinist	Universal	Expert	Master
Advanced Import	V4 X				V5 X	
IGES	+	+	+	+	+	+
Parasolid (XT files)	+	+	+	+	+	+
Rhino (3DM files)	+	+	+	+	+	+
DXF	+	+	+	+	+	+
PostScript	+	+	+	+	+	+
STL	+	+	+	+	+	+
VRML	+	+	+	+	+	+
<u>Add-In and/or Toolbar</u>	Expert	Lathe	Machinist	Universal	Expert	Master
Alibre Design	+	+	+	+	+	+
AutoCAD	+	+	+	+	+	+
Inventor	+	+	+	+	+	+
KOMPAS-3D	+	+	+	+	+	+
Machanical Desktop	+	+	+	+	+	+
<u>Tflex Advanced</u>						
PowerShape	+	+	+	+	+	+
Rhino 3.0	+	+	+	+	+	+
SolidEdge	+	+	+	+	+	+
<u>SolidWorks</u>	+	+	+	+	+	+
CAD Creation / Editing Tools	Expert	Lathe	Machinist	Universal	Expert	Master
Free intersection by 3D model New!		+	+	+	+	+
2D & 3D model transformation	+	+	+	+	+	+
2D CAD Creation	+	+	+	+	+	+
2.5D models making by contours	+		+	+	+	+
3D Model slicing to obtain Turning profile New!		+	+	+	+	+
Layers	+	+	+	+	+	+
Unlimited Undo	+	+	+	+	+	+
Clipboard	+	+	+	+	+	+
TTF & CHR Texts	+		+	+	+	+
Definition machining restrictions	+	+	+	+	+	+
Measurement Tools	+	+	+	+	+	+
Lathe Toolpath Metods New!	Expert	Lathe	Machinist	Universal	Expert	Master
Facing New!		+		+		+
Roughing (with Offset) New!		+		+		+
Finishing New!		+		+		+
Drilling New!		+		+		+
Groove (Roughing/Finishing) New!		+		+		+
Threading New!		+		+		+
Parting Off New!		+		+		+

2 1/2 Axis Milling	Expert	Lathe	Machinist	Universal	Expert	Master
Pocketing (island avoidance)	+		+	+	+	+
Profiling (open & closed)	+		+		+	+
Chamfer	+		+	+	+	+
Flat land	+				+	+
Engraving	+		+	+	+	+
2D Curve milling	+		+	+	+	+
Wall machining	+		+	+	+	+
Pocketing Re-machining	+		+	+	+	+
Flat Land Re-machining	+		+	+	+	+
Hole and Thread Milling	+		+	+	+	+
3 Axis Milling	Expert	Lathe	Machinist	Universal	Expert	Master
Roughing Waterline	+				+	+
Roughing Plane	+				+	+
Roughing On/Along/Across curve (Drive)	+				+	+
Finishing Waterline	+				+	+
Finishing Flat land	+				+	+
Finishing Plane	+				+	+
Finishing Drive	+				+	+
Finishing Optimized Plane	+				+	+
Automatic Waterline & Plane Finishing (Complex)	+				+	+
Automatic Flat & Waterline Finishing (Combine)	+				+	+
3D Curve milling	+		+	+	+	+
Multiply toolpath	+	+	+	+	+	+
Waterline Re-machining	+				+	+
Plane Re-machining	+				+	+
Drive Re-machining	+				+	+
Optimized Plane Re-machining	+				+	+
Complex Re-machining	+				+	+
Valley Re-machining	+				+	+
4 & 5 Axis Milling	Expert	Lathe	Machinist	Universal	Expert	Master
Indexed	+				+	+
Hole Making	Expert	Lathe	Machinist	Universal	Expert	Master
Automatic hole Recognition, Selection, Sorting	+		+	+	+	+
Optimization of order by hole machining	+		+	+	+	+
Hole pocketing	+		+	+	+	+
Drilling	+	+	+	+	+	+
Tapping	+	+	+	+	+	+
Boring	+	+	+	+	+	+
Reverse Boring	+	+	+	+	+	+
Peck Drilling	+	+	+	+	+	+

Reaming	+	+	+	+	+	+
Hole cycles	+	+	+	+	+	+
Bolthole Patterns Grid (Linear & Angular)	+		+	+	+	+
Bolthole Patterns Circular & Concentric	+		+	+	+	+
Features of Machining	Expert	Lathe	Machinist	Universal	Expert	Master
Advanced multi-axis lathe and milling machining New!				+		+
Advanced multi-axis milling machining	+		+	+	+	+
Advanced lathe machining New!		+		+		+
Transparent workpiece state handing over from one operation to the next		+	+	+	+	+
Interactive definition an area of the machining New!		+		+		+
Opposite spindle support New!		+		+		+
Operations group	+	+	+	+	+	+
Idling Minimization	+		+	+	+	+
Hole capping	+			+	+	+
Scallop height support	+		+	+	+	+
V-Carving	+		+	+	+	+
Corner-smoothing support	+		+	+	+	+
Trochoidal steps	+		+	+	+	+
Milling by Surface slope	+				+	+
Milling by Frontal angle of tool	+				+	+
Descent type support	+				+	+
Top and bottom machining levels	+		+	+	+	+
Draft angle	+		+	+	+	+
Lateral angle	+		+	+	+	+
Automatic flats recognizing	+		+	+	+	+
Upward/Downward support	+		+	+	+	+
Automatic Re-machining after set of operations	+	+	+	+	+	+
Automatic Re-machining after set of tools	+				+	+
Spiral Machining	+		+	+	+	+
Radial Machining	+		+	+	+	+
Helical machining	+		+	+	+	+
Advanced Tools list creation	+	+	+	+	+	+
Simulation of Machining	Expert	Lathe	Machinist	Universal	Expert	Master
High-precision multi-axis lathe and milling simulation New!		+	+	+	+	+

Machining result with part compare by color scale New!		+	+	+	+	+
Measurement Tools New!		+	+	+	+	+
Structured Toolpath	+	+	+	+	+	+
Toolpath Animation	+	+	+	+	+	+
Cut Material Simulation	+	+	+	+	+	+
Collisions detection	+	+	+	+	+	+
Tool Holder	+	+	+	+	+	+
Visualisation of rest areas	+	+	+	+	+	+
Visualisation of gouge areas	+	+	+	+	+	+
Tools	Expert	Lathe	Machinist	Universal	Expert	Master
Libraries of standard tools New!		+	+	+	+	+
Personal libraries of tools	+	+	+	+	+	+
Tool Holders	+	+	+	+	+	+
Form Tools	+	+	+	+	+	+
Toolpath Editing	Expert	Lathe	Machinist	Universal	Expert	Master
Toolpath Graphical Editing	+	+	+	+	+	+
Line by line	+	+	+	+	+	+
Toolpath Arc Fitting	+	+	+	+	+	+
Advanced Toolpath transformation and multiply	+	+	+	+	+	+
Post Processor Generator	Expert	Lathe	Machinist	Universal	Expert	Master
Free Post Processor Library	+	+	+	+	+	+
Advanced Post Processor Generator	+	+	+	+	+	+
Simulate Cycles	+	+	+	+	+	+
Output or Rasterization Helical	+		+	+	+	+
Output or Rasterization Spiral	+		+	+	+	+