SolidEngineer

CAM MATRIX

PRODUCT	SOLIDWORKS CAM		CAMWorks					
CNC PROGRAMMING CAPABILITY	**Standard**	**Professional**	**Standard**	**Milling Standard**	**Turning Standard**	**Milling Professional**	**Turning Professional**	**Premium**
2.5 Axis and Limited 3 Axis Milling	✓	✓	✓	✓	✓	✓	✓	✓
Feature-Based Machining with Feature Recognition	✓	✓	✓	✓	✓	✓	✓	✓
Area Clear Roughing, Flat Area, and Z Level Finishing	✓	✓	✓	✓	✓	✓	✓	✓
Standard Features	✓	✓	✓	✓	✓	✓	✓	✓
NC Editor with Backplotting - Powered by CIMCO	✓	✓	✓	✓	✓	✓	✓	✓
Integrated Tolerance Based Machining (iTBM)	✓	✓	✓	✓	✓	✓	✓	✓
Part Document Machining	✓	✓	✓	✓	✓	✓	✓	✓
Assembly Document Machining		✓	✓	✓	✓	✓	✓	✓
Multiple CAM Configurations		✓	✓	✓	✓	✓	✓	✓
4 & 5 Axis Positioning		✓	✓	✓	✓	✓	✓	✓
VoluMill 2.5 Axis Roughing		✓	✓	✓	✓	✓	✓	✓
Turning for CNC Lathes		✓	✓	✓	✓	✓	✓	✓
Sub-Spindle Programming			✓	✓	✓	✓	✓	✓
Two Turret Support			✓	✓	✓	✓	✓	✓
Rotary Milling			✓	✓	✓	✓	✓	✓
3 Axis Milling - Advanced				✓		✓		✓
Advanced 3 Axis Roughing and Finishing Capabilities				✓		✓		✓
3 Axis Undercutting with Standard and Custom Tools						✓		✓
Mill-Turn					✓	✓	✓	✓
Sync Manager for Synchronized Machining							✓	✓
CAMWorks Virtual Machine Standard							✓	✓
4 & 5 Axis Simultaneous Milling								✓