

2018 Feature Comparison

Bundled Products	Premium	Ultimate
HSM for SOLIDWORKS	✓	✓
HSM for Inventor	✓	✓
Fusion 360	✓	
Fusion 360 Ultimate		✓

Simulation & Verification Tools	Premium	Ultimate
Stock and toolpath simulation	✓	✓
CNC output edit	✓	✓
Advanced analysis tools	✓	✓
Milling machine simulation (SOLIDWORKS version only)	✓	✓
Probing (Ultimate required in Fusion 360)	✓	✓

Milling Functions	Premium	Ultimate
2D milling (Adaptive Clearing, facing, pocketing, profiling, slot, trace)	✓	✓
2D milling (slot, trace, engrave, chamfer)	✓	✓
Hole functions (thread, circular, bore)	✓	✓
Drilling (Canned cycles)	✓	✓
3D milling (Adaptive Clearing, pocket, horizontal, contour, parallel)	✓	✓
3D milling (Scallop, pencil, radial, spiral, morph spiral)	✓	✓
3D Milling (Ramp, projection, morphong)	✓	✓
3+2 axis machining (Ultimate required for FUsion 360)	✓	✓
5-Axis SWARF		✓
5-Axis Contour		✓

Turning Functions	Premium	Ultimate
Turning (profile, groove, face, part)	✓	✓
Turning (thread, single groove, chamfer)	✓	✓
Turning (stock transfer)	✓	✓
Mill Turn		✓

Additional Features	Premium	Ultimate
Tool Library	✓	✓
Tool Holder Collision Avoidance	✓	✓
Slope based operations	✓	✓
Post Processing	✓	✓
Set-up sheet generation	✓	✓
Multi-core CPU support	✓	✓
Distributed CAM	✓	✓