

RADAN Feature Chart

RADAN CAD/CAM
Feature Chart 2025.1

	CAD4CAM	Essential CAM	Standard CAM	Advanced CAM	Ultimate CAM
CAD FILE INPUT TRANSLATORS					
DXF, DWG as 2D Geometry	•	•	•	•	•
IGES as 2D Geometry	•	•	•	•	•
3D SAT, IGES, STEP	•		• (with 3D)	• (with 3D)	•
3D SolidWorks, Solid Edge, Inventor	•		• (with 3D)	• (with 3D)	•
3D Unigraphics, Parasolid	•		• (with 3D)	• (with 3D)	•
3D Pro/E, Catia V4, Catia V5	•		• (with 3D)	• (with 3D)	•
CAD FILE OUTPUT TRANSLATORS					
2D DXF, IGES	•	•	•	•	•

3D SAT, STEP, IGES, SMX, VRML, SXF	•		• (with 3D)	• (with 3D)	•
3D STL	•		• (with 3D)	• (with 3D)	•
2D CAD GEOMETRY					
Patterns	•		•	•	•
Line, Rectangle, Arc, Circle, Polygon, Ellipse	•	•	•	•	•
Normals and Tangents	•		•	•	•
Advanced Trimming	•		•	•	•
Advanced Arc Construction	•		•	•	•
Additional Special Shapes	•		•	•	•
Advanced Feature Editing	•		•	•	•
Standard Corner Shapes	•		•	•	•
Advanced Corner Shapes	•	•	•	•	•
Dimensioning	•		•	•	•
Single Line Text	•	•	•	•	•
Multi Line Text (with True Type Fonts)	•		•	•	•
Hatching	•		•	•	•
Scaling	•		•	•	•
Geometry Healing	•	•	•	•	•

Parametrics	●		●	●	●
3D CAD					
3D Sheet Metal Modelling			●	●	●
Healing	●		●	●	●
Unfolding	●		●	●	●
Fold Up from Flat	●		●	●	●
CAM					
Punching		●	●	●	●
Profiling		●	●	●	●
Combination		●	●	●	●
Standard Load/Unload			●	●	●
Advanced Part Removal (Picking)					
Quick Estimates			●	●	●
Rectangular Manual Nesting		●	●	●	●
True Shape Manual Nesting		●	●	●	●
Rectangular Automatic Nesting		●	●	●	●
True Shape Automatic Nesting		●	●	●	Vv
Radnest Ultimate			●	●	●
Postprocessing		●	●	●	●
Customisation					
Run Macros	●		●	●	●

