

Edgecam Designer 2018 R2 Feature Chart

Edgecam Designer System Licenses	Edgecam Designer Essential ECSYS-ESS	Edgecam Designer Standard ECSYS-STD	Edgecam Designer Advanced ECSYS-ADV
File handling			
Create data file	•	•	•
Open / Insert	•	•	•
Copy / Paste / Delete	•	•	•
Save / Save as / Save part as	•	•	•
Edit			
Undo / Redo / Undo history	•	•	•
Translate / Rotate / Mirror / Scale / Stretch	•	•	•
Edit Elements (Wireframe)	•	•	•
Workplanes: Create / Transform	•	•	•
Project: Projected area / On wpl / Points	•	•	•
Project: Elements	•	•	•
Wireframe - Create and Edit			
Points / Lines / Circles / Rectangles / Slot / Polygon / Ellipse	•	•	•
Chamfer / Fillet	•	•	•
Curves: Create / Join	•	•	•
Dissolve	•	•	•
New: 2D Offset	•	•	•
Profiles: Create / Offset / Fillets	•	•	•
Trim / Trim elements / Extend direct / Extend by length	•	•	•
Points on elements	•	•	•
Pointsets: Linear / Rectangular / Circle centres / Matrix / Add a point / Delete a point	•	•	•
Extract Edges	•	•	•
Wrap	•	•	•
Blend with curve	•	•	•
Solid and simple surface			
Send to CAM	•	•	•
Scaling	•	•	•
Edit Properties	•	•	•
Primitive forms (Cuboid / Cone etc.)	•	•	•
Surfaces: Linear ruled / Piped / Planar	•	•	•
Surfaces: Auto-constrained / Extend / Tangent / Join	•	•	•
Surfaces: By 1 drive / Draft / Draft from face	•	•	•
Surfaces: Trim / Edit trim / Trim face-face / Delete edges	•	•	•
CAD Operations			
Boolean: Unite / Cavity / Intersect	•	•	•
Extrude / Revolve / Move faces	•	•	•
Cut bodies / Section / Pocket boss	•	•	•
Offset/Hollow/Thicken	•	•	•
Drilled and tapped hole forms	•	•	•
Fill holes / Remove face / Replace	•	•	•
Blends / Chamfer / Blend Faces / Draft	•	•	•
Simplify / Edit cylind. Face	•	•	•
Dissolve body / Close to solid	•	•	•
Pattern feature: Rotate / Translate / Mirror	•	•	•
Analysis			
Validate bodies / Surface analysis	•	•	•
Distance / Angle / Bounding box / Weight	•	•	•
New: Geometric properties	•	•	•
Status / Layer status / Calculator	•	•	•
Annotation			
Text / Edit text / Text leader / Balloons	•	•	•
Simple dimensions: Arc / Element / Angle / Point	•	•	•
Masks: Load/ Create / Update	•	•	•
Image plane	•	•	•
Assign tolerances to holes and shafts	•	•	•

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Edgecam Designer Modules	CATIA V4 Import ECCAD-001	CATIA V5 Import ECCAD-002	NX Import ECCAD-004	ProE/Creo Import ECCAD-005	2D Drawing ECCAD-007
Import / Export					
CATIA V4 Import	•				
CATIA V5 Import		•			
NX Import			•		
Pro E/Creo Import				•	
Additional functionality					
2D Drawing					•

Notes
All Edgecam Designer System licenses are prerequisites for the 2D Drawing module

Third party CAD formats included in all system licences
ACIS (*.sat; *.asat)
DXF (*.dxf)
DWG (*.dwg)
IGES (*.igs; *.iges; *.ige)
Inventor (*.ipt; *.iam)
Parasolid (*.x_b; *.x_t; *.xmt_bin; *.xmt_txt)
Solid Edge (*.asm; *.par; *.psm; *.pwd)
SolidWorks (*.sldprt; *.sldasm)
STEP (*.stp; *.step)
STL (*.stl)
VDA (*.vda)
PLY (*.ply)