

Autodesk® Alias® Product Line: Features at a Glance

Feature	Alias Design	Alias Surface	Alias Automotive
Concept Exploration			
Paint and Canvas Tools	X		X
Overlay Annotation	X	X	X
Modeling			
Reference Manager	X	X	X
Curvature Continuity	X	X	X
Explicit Control		X	X
DSM: Transformer Rig		X	X
DSM: Conform Rig	X	X	X
DSM: Lattice Rig	X	X	X
DSM: Bend	X	X	X
DSM: Twist	X	X	X
Duplicate Place	X	X	X
Ball Corner		X	X
Trim Convert		X	X
Fit Scan		X	X
Dynamic Section		X	X
IsoAngle		X	X
Contact Analysis		X	X
Fit Curve	X	X	X
Sort Sections	X	X	X
Fillet Flange	X	X	X
Tube Flange	X	X	X
Multi Surface Draft	X	X	X
Planarize Hull	X	X	X
Cross Section Manager		X	X
Min/Max Curvature + Deviation Map		X	X
Symmetric Modeling		X	X
Reverse Engineering			
Convert to Mesh	X	X	X
Displacement Map to Mesh	X	X	X
Mesh Subset/Merge/Cut	X	X	X
Mesh Position	X	X	X
Mesh Patch		X	X
Mesh Intersect		X	X
Mesh Smooth		X	X
Mesh Reduce		X	X
Mesh Hole Fill		X	X
Mesh Bridge		X	X
Mesh Collar		X	X
Mesh Offset		X	X
Mesh Stitch		X	X
Mesh Edge Reconstruct		X	X
Mesh Extract Theoretical Edges		X	X
Automated Repair of Meshes	X	X	X

Specialized Design Tools

Bring your ideas to life. Build conceptual product models and create high-quality surfaces with a comprehensive set of digital modeling, shape definition, painting, and sketching tools.

The Right Product

Find out which product is right for you. This table provides key feature differentiation between the Alias family of Products. The product line consists of:

Autodesk Alias Design

Autodesk® Alias® Design software is for consumer product designers who control the entire design process --from ideation to the final surfaces that are passed to engineering. Rapidly develop and communicate product design concepts using sketches, 3D product models, illustrations, photorealistic renderings, and animation.

Autodesk Alias Surface

Autodesk® Alias® Surface software offers a full set of dynamic 3D surface modeling capabilities that enable virtual modelers to evolve concept models and scan data into high-quality production surfaces for consumer product design and Class-A surfaces for automotive design and styling.

Autodesk Alias Automotive

Autodesk® Alias® Automotive software, is an industry-leading application for automotive design and styling and the choice of leading automotive styling studios throughout the world. The software provides a comprehensive set of visualization and analysis tools for the entire shape-definition process, from concept sketches through Class-A surfacing.

Feature	Alias Design	Alias Surface	Alias Automotive
Visualization			
Hardware Shade	X	X	X
Diagnostic Panel Curvature Evaluation		X	X
Diagnostic Panel Cross Section Controls		X	X
Image-Based Lighting	X	X	X
Ambient Occlusion Calculation	X	X	X
QuickTime VR	X	X	X
Linear Reflection (Hardware Shade)		X	X
Keyframe Animation	X		X
Turntable Animation	X		X
PowerRender	X	X	X
Hardware Ground Plane Reflection			X
Hardware Self Shadows			X
Hardware Shader Glow			X
Dynamic Measurement Tool	X	X	X
Data Exchange			
Autodesk Inventor .ipt import	X	X	X
Autodesk Inventor .iam import	X	X	X
Autodesk DXF/DWG	X	X	X
IGES Translator	X	X	X
SolidWorks	X	X	X
ProE Granite	X	X	X
CATIA V4 import	X	X	X
Step Translator	X	X	X
CATIA V5 import/export	(Purchasable)	(Purchasable)	(Purchasable)
JT import	(Purchasable)	(Purchasable)	(Purchasable)
UGNX	(Purchasable)	(Purchasable)	(Purchasable)

Take a Test Drive

There is a 30-day trial available for each of the products in the Alias® product family. The trials are based on 2010 products and are available for Mac OS X and Windows operating systems.

Go to www.autodesk.com/aliasrial to take a test drive today.

To learn more, visit: www.autodesk.com/aliasfamily