Dx Geomagic Design X

Which plan is right for me?

Compare Geomagic Design X Price Plans

	Dx Go	Dx Plus	Dx Pro
INPUT / OUTPUT			
Import/Export Neutral Point Data *(PTS, etc.)*	✔	✔	✔
Import/Export Neutral Meshes *(STL, etc.)*	✔	✔	✔
Import Scanner Formats	✔	✔	✔
Import/Export Neutral CAD *(STEP, IGES, etc.)*	✔	✔	✔
Import Parasolid Text/Binary	✕	✕	✔
Import Native CAD *(i.e. ACIS, CATIA, Creo, NX, SolidWorks, DXF, Inventor, VDA-FS, Rhino, JT, SolidEdge)*	✕	✕	✔
Export Parasolid Text/Binary, Leica, KeyShot	✕	✕	✔
Export Native CAD (ACIS, CATIA, DXF)	✕	✕	✔
SELECT			
Mode *(Line, Rectangle, Circle, etc., Select by Angle, Extend To Similar, Extend To Sudden Change, Extend By Smart Selection)*	✔	✔	✔
All *(Entity based on Selection Filter)*, None, Inverse	✔	✔	✔
Custom Region	✔	✔	✔
Boundary Entities, Entities Around Edges/Faces, Enlarge, Shrink, Convert Current Selection, By Criteria, By Color, Exterior Poly-Faces	✕	✕	✔
REFERENCE GEOMETRY			
All (Plane, Vector, Coordinate System, Polyine, Point)	✔	✔	✔
SOLID TOOLS			
Extrude, Revolve, Sweep, Loft	✔	✔	✔
Cut, Boolean	✔	✔	✔
Solid Offset, Shell, Thicken Surface	✕	✔	✔

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SURFACE TOOLS			
Mesh Fit, Auto Surface *(without selective surfacing)*	✔	✔	✔
Extrude, Revolve, Sweep, Loft, Reverse Normal	✔	✔	✔
Surface Offset	✕	✔	✔
Auto Surface *(with selective surfacing)*	✕	✔	✔
Fill Face, Extend/Trim/Untrim Surface, Sew	✕	✔	✔
Fit Surface Patches	✕	✕	✔
Solidify	✕	✕	✔
MODELING WIZARDS			
Solid Primitive, Surface Primitive	✔	✔	✔
Extrusion Wizard, Revolution Wizard, Sweep Wizard, Loft Wizard, Pipe Wizard	✕	✕	✔
MODELING FEATURES			
Fillet, Chamfer	✔	✔	✔
Transform Body, Delete Face, Draft, Linear/Circular Pattern, Mirror	✕	✔	✔
Emboss, Curve Pattern, Helix Curve, Spiral Curve, 3D Polyline Curve, Move/Replace/Split Face, Duplicate/Delete Body	✕	✕	✔
CAD CORRECT			
Refit	✕	✕	✔
SCANNER DIRECT CONTROL			
Creaform Portable 3D Scanners, Geomagic Capture, Konica Minolta Range5/Range7, Shining 3D, Z Corporation Zscanner, eviXscan Scanners 3D, ScanTech ScanViewer, ScanTech Tviewer	✔	✔	✔
Aicon, Faro Cobalt Array Imager, Hexagon Structured Light Scanner, Konica Minolta VIVID	✕	✔	✔
PROBING			
LiveAlign, LiveCapture, LiveModel, LiveGeometry	✕	✔	✔
Probe Location, Move Device, Setting, Connect/Device Connect	✕	✔	✔

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SCAN TOOLS			
Triangulate, Align Between Scan Data, Merge, Combine, Decimate, Transform Scan Data	✔	✔	✔
Normal Information Wizard, Boolean	✕	✕	✔
Mesh Buildup Wizard, Unroll/Roll Scan, Average Meshes	✕	✕	✔
MESH TOOLS			
Healing Wizard, Fix Normal, Global Remesh, Fill Holes, Smooth, Split	✔	✔	✔
Offset	✔	✔	✔
Navigation	✔	✔	✔
Edit Boundaries, Defeature, Trim, Convert To Mesh	✕	✔	✔
Mirror, Thicken, Separate Mesh	✕	✕	✔
Sew Boundaries, Retriangulate, Optimize Mesh, Edit Poly-Edge, Virtual Rescan, Rewrap	✕	✕	✔
Remove Markers, Add Poly-Face, Smart Brush, Subdivide, Enhance Shape, Refit, Insert	✕	✕	✔
REGION			
Insert	✔	✔	✔
Merge, Split	✔	✔	✔
Auto Segment, Resegment, Separate, Enlarge, Shrink, Geometry Classification	✕	✕	✔
POINT CLOUD			
Filter Noise, Sampling	✔	✔	✔
Smooth, Offset Points, Construct Mesh, Convert to Point Cloud, Separate Point Cloud	✕	✕	✔
TEXTURE			
Add/Edit/Remove/Export Texture	✕	✕	✔
Convert Texture To Color, Convert Color To Texture, Copy Texture/Vertex Color, Compensate Color Temperature	✕	✕	✔
SCAN PROCESS			
Process Designer, Run Scan Process, Batch Process	✕	✕	✔

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2D SKETCH ENTITIES			
Mesh Sketch	✔	✔	✔
Sketch	✔	✔	✔
Line, Rectangle, Polygon, Circle, Arc, Spline, Centerline, Construction Point	✔	✔	✔
Parallelogram, Ellipse	✔	✔	✔
Slot	✔	✔	✔
Parabola	✘	✘	✔
Sketch Text, Insert from File, By Fitting Polyline	✘	✘	✔
AutoSketch	✘	✘	✔
2D SKETCH TOOLS			
Fillet, Chamfer, Offset, Trim, Extend, Split, Convert Entities, Resize	✔	✔	✔
Mirror, Linear Sketch Pattern, Circular Sketch Pattern	✔	✔	✔
Smart Dimension, Constraints	✔	✔	✔
Snap On Entities, Snap On Polylines, Smart Snap	✔	✔	✔
Tangent/Coincident Constraint Settings	✘	✔	✔
Merge	✘	✔	✔
Rebuild Spline, Silhouette	✘	✘	✔
Convert to Spline, Text to Spline, Insert Polyline	✘	✘	✔
3D SKETCH ENTITIES			
3D Sketch	✔	✔	✔
Spline	✔	✔	✔
Section	✔	✔	✔
3D Mesh Sketch	✘	✔	✔
Pencil, Intersection, Boundary, UV Curves from Surface, Spline by Fitting, Unroll/Roll Curves, Trace Feature Line	✘	✘	✔
Extract Contour Curves, Construct Patch Network, Create Patch Network	✘	✘	✔
Shuffle Patch Groups, Relax Contour, Relax Patches, Remove Patches, Repair Patches	✘	✘	✔

	Dx Go	**Dx** Plus	**Dx** Pro
3D SKETCH TOOLS			
Convert Entities	✓	✓	✓
Offset, Mirror, Trim, Extend, Split, Remove Constraint, Join, Rebuild, Merge	✕	✓	✓
Project, Smooth, Match, Blend, Insert/Remove Node	✕	✕	✓
BODY TOOLS			
Find Defect	✕	✕	✓
ALIGN			
Interactive Alignment	✓	✓	✓
Quick Fit, Best Fit, Datum Match	✕	✕	✓
Align Wizard, Target Registration, Sphere Registration	✕	✕	✓
MEASURE			
Distance, Angle, Radius, Section	✓	✓	✓
Mesh Deviation	✓	✓	✓
VIEW			
Visibility, Zoom, Mesh Display Mode, Body Display Mode, Viewpoint, Viewport, Light Properties, View Clip, Walk-through	✓	✓	✓
ACCURACY ANALYZER			
Deviation for Body, Deviation for Mesh, 2D/3D Sketch Analysis	✓	✓	✓
All	✕	✓	✓
ADD INS			
Import/Split, IGES Point Importer, Sphere Registration, Flatten/Deform	✕	✕	✓
Legacy Create Curve Network, Legacy Boundary Fit, Legacy Auto-Surfacing, Legacy Fill Hole, Target Registration, New Feature Preview	✕	✕	✓
PUBLISH			
Publish to PDF	✓	✓	✓
LIVE TRANSFER			
SolidWorks, NX, Creo, AutoCAD, Inventor	✓	✓	✓