Geomagic Design X

Compare Price Plans

Which plan is right for me?

INPUT / OUTPUT	Dx Go	Dx Plus	Dx Pro
Import/Export Neutral Point Data *(PTS, etc.)*	✓	✓	✓
Import/Export Neutral Meshes *(STL, etc.)*	✓	✓	✓
Import Scanner Formats	✓	✓	✓
Import/Export Neutral CAD *(STEP, IGES, etc.)*	✓	✓	✓
Import/Export DXF	✓	✓	✓
Import Parasolid Text/Binary	×	×	✓
Import Native CAD *(i.e. ACIS, CATIA, Creo, NX, SolidWorks, Inventor, VDA-FS, Rhino, JT, SolidEdge)*	×	×	✓
Export Parasolid Text/Binary, Leica, KeyShot	×	×	✓
Export Native CAD (ACIS, CATIA)	×	×	✓
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	Dx Go	Dx Plus	Dx Pro
Extrude, Revolve, Sweep, Loft	✓	✓	✓
Cut, Boolean	✓	✓	✓
Solid Offset, Shell, Thicken Surface	×	✓	✓
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	×	×	✓
Boundary Fit	×	×	✓
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	×	×	✓
Emboss, Curve Pattern, Helix Curve, Spiral Curve, 3D Polyline Curve, Move/Replace/Split Face, Duplicate/Delete Body	×	×	✓
CAD CORRECT			
Refit	×	×	✓
SCANNER DIRECT CONTROL / LIVECAPTURE			
Hexagon/ZG Handheld Scanners, Creaform Portable 3D Scanners, Geomagic Capture, Konica Minolta Range5/Range7, Shining 3D, Z Corporation Zscanner, eviXscan Scanners 3D, ScanTech DefinSight, ScanTech Tviewer	✓	✓	✓
Aicon, Faro Cobalt Array Imager, Hexagon Structured Light Scanner (StereoScan neo, SmartScan, PrimeScan), Hexagon Absolute Arm, Romer Infinite/Stinger, Leica T-Probe, Leica T-Scan TS50, Leica Absolute Tracker AT960, Konica Minolta VIVID	×	✓	✓

PROBING	Dx Go	Dx Plus	Dx Pro
LiveAlign, LiveCapture, LiveModel, LiveGeometry	×	✓	✓
Probe Location, Move Device, Setting, Connect/Device Connect	×	✓	✓
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	×	×	✓
Shrink Wrap	×	✓	✓
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	Dx Go	Dx Plus	Dx Pro
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	×	×	✓
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	Dx Go	Dx Plus	Dx Pro
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	×	×	✓
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	Dx Go	Dx Plus	Dx Pro
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 Auto-Surfacing, Legacy Fill Hole, Target Registration, New Feature Preview	×	×	✓
PUBLISH			
Publish to PDF	✓	✓	✓
LIVE TRANSFER			
SolidWorks, NX, Creo, AutoCAD, Inventor (full support information)	✓	✓	✓
SUPPORT			
Email support	✓	✓	✓
Installation/Licensing support	✓	✓	✓
Knowledge Base access	✓	✓	✓
Case response in 1 business day	×	✓	✓
Case response in 3 business days	✓	×	×
Remote session support	×	✓	✓
Phone support	×	✓	✓
Usage/workflow support	×	✓	✓