

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, Polyline, Point) | ✓ | ✓ | ✓ |
| SOLID TOOLS | | | |
| Extrude, Revolve, Sweep, Loft | ✓ | ✓ | ✓ |
| Cut, Boolean | ✓ | ✓ | ✓ |
| Solid Offset, Shell, Thicken Surface | ✗ | ✓ | ✓ |

| | Dx Go | Dx Plus | Dx Pro |
|--|--------------|----------------|---------------|
| SURFACE TOOLS | | | |
| Mesh Fit, Auto Surface (<i>without selective surfacing</i>) | ✓ | ✓ | ✓ |
| Extrude, Revolve, Sweep, Loft, Reverse Normal | ✓ | ✓ | ✓ |
| Surface Offset | ✗ | ✓ | ✓ |
| Auto Surface (<i>with selective surfacing</i>) | ✗ | ✓ | ✓ |
| 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 | ✗ | ✓ | ✓ |

| | Dx Go | Dx Plus | Dx Pro |
|---|--------------|----------------|---------------|
| 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 | × | × | ✓ |

Dx Go**Dx Plus****Dx Pro****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 TOOLSFillet, 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 | ✓ | ✓ | ✓ |

Authorized Reseller:

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V-GER
COMPETENCE IN 3D SCANNING

