

Trimble RealWorks Software Edition Comparison

Data Import and Basic Management	Viewer	Starter	Core	Performance	Storage Tank
Imports / exports of data		✓	✓	✓	✓
Coordinate frame (UCS) creation tool		✓	✓	✓	✓
Scan explorer	✓	✓	✓	✓	✓
Create Entities in RealWorks™			✓	✓	✓
Create Entities in SketchUp®			✓	✓	✓
Visualization tools (examination, etc)	✓	✓	✓	✓	✓
Sampling		✓	✓	✓	✓
Segmentation		✓	✓	✓	✓
Measurement	✓	✓	✓	✓	✓
Clipping box extraction tool		✓	✓	✓	✓
RealColor (panoramic image matching tool)		✓	✓	✓	✓
Point cloud auto-classification			✓	✓	✓
Auto Steel Beam Segmentation				✓	✓
Auto-Segment moving objects				✓	✓
Labels	✓	✓	✓	✓	✓
Annotations		✓	✓	✓	✓

Data Registration/ 3D Point Cloud	Viewer	Starter	Core	Performance	Storage Tank
Registration incl. target extraction & analysis		✓	✓	✓	✓
Bundle adjustment		✓	✓	✓	✓
Orientation/Geo-referencing		✓	✓	✓	✓
Registration reporting and station visualization		✓	✓	✓	✓
Registration visual check	✓	✓	✓	✓	✓
Generate registration report	✓	✓	✓	✓	✓

2D and 3D Deliverables	Viewer	Starter	Core	Performance	Storage Tank
Cutting plane	✓	✓	✓	✓	✓
Feature coding		✓	✓	✓	✓
Contouring		✓	✓	✓	✓
2D easy line		✓	✓	✓	✓
Polyline drawing tool		✓	✓	✓	✓
Basic geometry fitting tool		✓	✓	✓	✓
Image matching		✓	✓	✓	✓
Key plan creation		✓	✓	✓	✓
Image rectification tool		✓	✓	✓	✓
Ortho projection tool		✓	✓	✓	✓
Convert to Ortho-photo			✓	✓	✓
Mesh creation / editing		✓	✓	✓	✓
Volume calculation tool		✓	✓	✓	✓
Media tools		✓	✓	✓	✓

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Advanced Registration	Viewer	Starter	Core	Performance	Storage Tank
Target-less registration			✓	✓	✓
Auto-register using planes			✓	✓	✓
Refine registration using scans		✓	✓	✓	✓
Station setup			✓	✓	✓
Import and register wizard			✓	✓	✓

Advanced 3D Deliverables and Inspection	Viewer	Starter	Core	Performance	Storage Tank
Profile / cross section			✓	✓	✓
Multi ortho projection			✓	✓	✓
Easy profile			✓	✓	✓
Profile matcher tool			✓	✓	✓
2D inspection tool			✓	✓	✓
Inspection map analyzer			✓	✓	✓
Surface to model inspection tool			✓	✓	✓
Twin surface inspection			✓	✓	✓
3D inspection tool / analyzer			✓	✓	✓
Catenary drawing tool			✓	✓	✓
FF / FL analysis			✓	✓	✓
Floor inspection			✓	✓	✓
Wall verticality inspection			✓	✓	✓

Vertical applications	Viewer	Starter	Core	Performance	Storage Tank
Vertical storage tank calibration			✓	✓	✓
Vertical storage tank inspection					✓
Horizontal storage tank calibration					✓
Tank secondary containment					✓
Tank setup					✓

3D CAD Model Generation	Viewer	Starter	Core	Performance	Storage Tank
Modeling tools				✓	✓
Easy pipe				✓	✓
Create pipe				✓	✓
Steel beam modeling				✓	✓
Steel catalog				✓	✓
Auto-Extract Cylinders				✓	✓
Geometry Visual Check				✓	✓
PDMS export				✓	✓
Center lines export				✓	✓
SketchUp Pro link			✓	✓	✓
AutoCAD® / Revit® link				✓	✓

Collaborate and Share	Viewer	Starter	Core	Performance	Storage Tank
Publisher			✓	✓	✓
Video creator		✓	✓	✓	✓