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	√	√	√	√	√
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 tool		√	√	√	√
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		√	√	√	√

TRANSFORMING THE WAY THE WORLD WORKS

◈ **Trimble**®