

Tekla Structures configurations

Tekla Structures is available in different configurations [for different industries, materials, and professions](#). Also special [student](#) and [developer](#) configurations are available.

Our documentation covers the content of the Full configuration, so you may not have access to all the described features. If your organization has licenses for different configurations, you can select between them when you start Tekla Structures.

Feature map

The features included in different configurations are:

Configuration Feature	Full	Steel Detailing	Precast Concrete Detailing	Rebar Detailing	Engineering	Construction Modeling	EP Modeler	Primary	Production Planner - Concrete	Project Viewer	Drafter
Viewing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Grids, construction lines, points	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Building elements	✓	✓	✓	✓	✓	✓	✓	✓ ¹			
Assemblies	✓	✓	✓	✓	✓	✓	✓	✓			
Precast cast units	✓		✓			✓	✓	✓			
Pour modeling	✓ ²		✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²			
Pour viewing	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²

Configuration Feature	Full	Steel Detailing	Precast Concrete Detailing	Rebar Detailing	Engineering	Construction Modeling	EP Modeler	Primary	Production Planner - Concrete	Project Viewer	Drafter
Cast in Place cast units	✓		✓	✓		✓	✓	✓			
Numbering	✓	✓6	✓	✓3				✓			
Assigning control numbers	✓	✓	✓					✓			
Steel components	✓	✓		✓8	✓8	✓8	✓8	✓			
Concrete components	✓		✓	✓5,8	✓8	✓8	✓8	✓			
User-defined attributes	✓	✓	✓	✓	✓	✓	✓	✓	✓9	✓9	✓7
Locking	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Multi-user	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Clash check manager	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Planning tools											
Lotting	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Precast planning tools	✓								✓		
Sequencer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Project status visualization (4D)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Task manager	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Organizer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓4
Printing and publishing											
Printing and plotting	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Publish models	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
External editors											
Symbol Editor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Template Editor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Configuration Feature	Full	Steel Detailing	Precast Concrete Detailing	Rebar Detailing	Engineering	Construction Modeling	EP Modeler	Primary	Production Planner - Concrete	Project Viewer	Drafter
Drawings, plans and reports											
Creating general arrangement drawings (plan, section, erection)	✓	✓	✓	✓	✓	✓		✓			✓
Modifying general arrangement drawings (plan, section, erection)	✓	✓	✓	✓	✓	✓		✓			✓
Creating steel fabrication drawings (single-part drawings)	✓	✓						✓			✓
Modifying steel fabrication drawings (single-part drawings)	✓	✓						✓			✓
Creating steel fabrication drawings (assembly drawings)	✓	✓						✓			✓
Modifying steel fabrication drawings (assembly drawings)	✓	✓						✓			✓
Creating precast concrete drawings (cast unit drawings)	✓		✓					✓			✓
Modifying precast concrete drawings (cast unit drawings)	✓		✓					✓			✓

Configuration Feature	Full	Steel Detailing	Precast Concrete Detailing	Rebar Detailing	Engineering	Construction Modeling	EP Modeler	Primary	Production Planner - Concrete	Project Viewer	Drafter
Creating cast-in-place concrete drawings (cast unit drawings)	✓		✓	✓				✓			✓
Modifying cast-in-place concrete drawings (cast unit drawings)	✓		✓	✓				✓			✓
Anchor bolt plans	✓	✓	✓	✓	✓	✓		✓			✓
Reports	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Interoperability											
Export CNC, DSTV	✓	✓				✓	✓	✓		✓	
Steel MIS links	✓	✓				✓	✓	✓		✓	
Import 2D and 3D DWG, DXF	✓	✓	✓	✓	✓	✓	✓	✓			
Export 3D DWG, DXF, DGN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Export drawings (DXF, DWG)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Import and export CAD and FEM packages	✓	✓	✓	✓	✓	✓	✓	✓		✓	
IFC 2x3 export	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
CIS/2 import and export	✓	✓	✓	✓	✓	✓	✓	✓		✓	
EliPlan import and export	✓		✓					✓	✓		
BVBS export	✓		✓	✓				✓	✓		
HMS export	✓		✓					✓	✓		
Unitechnik export	✓		✓					✓	✓		
View reference models	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Configuration Feature	Full	Steel Detailing	Precast Concrete Detailing	Rebar Detailing	Engineering	Construction Modeling	EP Modeler	Primary	Production Planner - Concrete	Project Viewer	Drafter
Insert reference models (DXF, DWG, DGN, IFC, XML, PDF)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Layout manager	✓	✓	✓	✓	✓	✓	✓	✓			
Analyzing											
Create analysis model	✓	✓	✓	✓	✓			✓			
Analysis and Design interface	✓	✓	✓	✓	✓			✓			
Loads	✓	✓	✓	✓	✓			✓			
Open API											
Open API capabilities	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓4

✓1 = Limitation: 2500 parts, 5000 reinforcement objects, unlimited number of bolts.

✓2 = Pours are enabled by an advanced option.

✓3 = Numbering is limited to cast-in-place parts, cast units and reinforcement.

✓4 = View only.

✓5 = Cast in Place concrete components only.

✓6 = Numbering is limited to steel parts and cast units.

✓7 = User-defined attributes in drawing properties can be edited, others view only.

✓8 = Conceptual components only.

✓9 = User-defined attributes that affect numbering cannot be edited.