

Function	Features	Tools/Apps	STAAD.Pro CE (Standard)	STAAD.Pro CE Advanced	Structural Enterprise WorkSuite
Modeling	45+ built-in section libraries tailored for different industries	Built-In	YES	YES	YES
	Physical and analytical modeling for concrete and steel BIM workflows	Built-In	YES	YES	YES
	Calculate section properties and retrieve stress values with Sectionwizard	Built-in	YES	YES	YES
	Create models quickly using the STAAD Structure Wizard	Built-In	YES	YES	YES
	Specialized quick modeling environment for concrete buildings	BuildingPlanner * Subscription	YES	YES	YES
Standard Analysis and Design	Analyze and design structures of all types, including integrated concrete and steel	Built-In	YES	YES	YES
	Design loads and load combinations including automatic wind and seismic regional requirements	Built-In	YES	YES	YES
	Analysis: FEM, linear static elastic, P-delta, dynamic, AISC direct analysis	Built-in	YES	YES	YES
	Over 90 international design codes included in all versions	Built-In	YES	YES	YES
	Design basic foundation types including spread footings	Built-In	YES	YES	YES
	Design basic structural steel connections	Built-In	YES	YES	YES
	Produce automated steel GA drawings directly from STAAD model	Steel AutoDrafter * Subscription	YES	YES	YES
Interoperability	Interoperate with OpenBuilding (AECOSim) Building Designer, ISM, AutoPIPE®, Revit, Tekla, and more	Structural Synchronization	YES	YES	YES
	Create macros using OpenSTAAD API to integrate with Excel or in-house programs (Excel VBA compatability)	OpenSTAAD	YES	YES	YES
Cloud Services	Physical modeling interoperate with iTwin Design Review	Built-In * Subscription	YES	YES	YES
	Cloud Processing Analysis (Technology Preview)	Built-In * Subscription	YES	YES	YES
Advanced Analysis	High-speed advanced analysis 64-bit solver. Over 100 times faster than STAAD.Pro CE Standard	Advanced Solver	YES	YES	YES
	Nonlinear geometric and cable analysis	Advanced Analysis	-	YES	YES
	Eigen buckling analysis with in-depth buckling mode evaluation	Advanced Analysis	-	YES	YES
	Floor spectrum analysis due to time history loading (seismic design)	Advanced Analysis	-	YES	YES
	Steady state dynamic performance for vibration design	Advanced Analysis	-	YES	YES
	Pushover analysis (FEMA 356)	Advanced Analysis	-	YES	YES
Integrated Analysis, Design, and Documentation	Advanced concret design, drawing, and documentation (RCDC is included in STAAD.Pro Advanced CE upt3 onward)	RCDC	-	YES	YES
	FEA-based foundation design including machine vibration and settlement analysis	STAAD foundation Advanced	-	-	YES
	Reinforced slabs, mats, and rafts and Post-tensioned Concrete design - RAM®	RAM Concept	-	-	YES
	Utilize building-specific applications for Structural steel and reinforced concrete structures and Analysis - RAM®	RAM Structural System	-	-	YES
	Fully Automated connection design - RAM®	RAM Connection	-	-	YES

Standard STAAD.Pro CONNECT Edition + (Steel AutoDrafter + BuildingPlanner)
Advanced Standard + Advanced Analysis Solver + RCDC
Enterprise Advanced + RAM + Microstran + STAAD foundation Advanced + RCDC FE
 * Steel AutoDrafter + BuildingPlanner is only for SUBSCRIPTION services
 ** Subscription = The features enable required CONNECT Cloud subscription services