

# Sage Construction and Real Estate Solutions

## Commercial Knowledgebase

Commercial Knowledgebase contains pre-built models and comprehensive Smart Assemblies backed by industry-leading RSMMeans cost data.

Developed for use exclusively with our estimating applications, nothing compares to the way Commercial Knowledgebase allows owners and contractors to prepare capital budgets, conceptual estimates, and even detailed estimates immediately upon loading the software. Only minimal database building or fine-tuning is required.

Eliminating the often tedious and time-consuming process of individual item takeoff, the built-in intelligence prompts you for only the data needed to calculate quantities and costs for a given assembly, such as a wall, or a model for an entire building. You simply respond to a list of questions and all the construction details and/or unit costs are immediately available for your review, giving you the ability to quickly perform what-if calculations or provide an instant sanity check.

### First of Its Kind

With content built on RSMMeans cost data, the Commercial Knowledgebase sets new standards for simplicity and speed in producing accurate estimates and budgets. The software contains a comprehensive list of intelligent assemblies and a number of full-blown pre-built models, including above- and below-grade parking structures, office core and shell, mixed-use residential, educational institutions, interior fit-out, and additional building elements.

### The Logic to Prepare Estimates or Budgets in Minutes

The Commercial Knowledgebase builds on the current capabilities of Estimating. The process required to generate estimates or budgets is as easy as “filling in the blanks.” Thanks to Estimating’s built-in intelligence, the information you are required to enter is modified as you step through the process based on previous entries. As you provide input about your project, the software logic updates the information it is requesting on the fly in response to previous answers. The time-savings are substantial. Conceptual and detailed estimates or budgets can be generated in a matter of minutes.

### Takeoff Like Never Before

Take off individual construction systems, such as a footing, wall, or an entire building core and shell. Every estimate or budget you generate is backed by extensive pricing detail allowing you to work through a number of complete what-if scenarios faster and more accurately than ever before.

### Sophistication

No other solution available can compare in regard to the amount of detail and the ease with which project data can be pulled together and manipulated. Sage Construction and Real Estate products provide proven construction methodologies and accurate cost data you can count on.

### Features

- Commercial Knowledgebase comes preloaded with RSMMeans pricing for more than 700 cities.
- Commercial Knowledgebase offers a variety of pricing options such as hourly, crew, and unit price.

### BENEFITS

- Start generating estimates immediately using a number of prebuilt models and assemblies
- Get up and running quickly with only a minimal amount of database customization
- Generate highly accurate conceptual estimates in a fraction of the time it’s currently taking you
- Easily create or reprice estimates based on regional RS Means (700 cities) pricing

Group	Description	Labor Amount	Material Amount	Sub Amount	Equip Amount	Other Amount	Total Amount
102100.00	COMPARTMENTS AND CUBICLES	3,953	39,726				43,679
102800.00	TLT,BATH,AND LNDRY ACCSSR	4,948	32,598				37,546
142100.00	ELECTRC TRACTN ELEVATORS	150,506	503,852				654,358
142400.00	HYDRAULIC ELEVATORS	25,809	89,460				115,269
142700.00	CUSTOM ELEVATOR CABS		44,200				44,200
142800.00	ELEVTR EQPMNT AND CONTRLS	26,349	131,043		1,898	17,495	176,785
211200.00	FIRE-SUPPRESSN STANDPIPES	3,130	6,225				9,355
211300.00	FIRE-SUPPR SPRNKL SYSTEMS	20,401	12,689				33,090
213100.00	CENTRIFUGAL FIRE PUMPS	4,632	83,225				87,857
220500.00	COMM WORK RSLT FOR PLMBNG	2,727	9,003				11,730
220700.00	PLUMBING INSULATION	16,479	7,947				24,427
221100.00	FACILITY WATER DISTRIBUTN						
221300.00	FACILITY SANITARY SEWERAGE						
221400.00	FACILITY STORM DRAINAGE						
223300.00	ELCTR DMSTC WATER HEATERS						
224100.00	RESDNTL PLUMBING FIXTURES						
224200.00	COMMRCPL PLUMBING FIXTURES						
224700.00	DRNK FNTN AND WATR COOLRS						
230500.00	COMMN WORK RSLTS FOR HVAC						
230700.00	HVAC INSULATION						
230900.00	INSTR AND CONTRL FOR HVAC						
231300.00	FACLTY FUEL-STORAGE TANKS						
232100.00	HYDRONIC PIPING AND PUMPS						
233100.00	HVAC DUCTS AND CASINGS						
233300.00	AIR DUCT ACCESSORIES						
233400.00	HVAC FANS						

**Create Interview**

Model Name: CONCEPT105A - Core & Shell, Office Building  
 Model Reference: Stanton C-01

**OFFICE BUILDING CORE & SHELL CONCEPTUAL MODEL**

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**A. Conceptual Control Quantities:**  
*All dimensions are imperial, and entered in decimal format.*

Basement level slab area (if any) - SF:

Street level slab on grade area (if any) - SF:

Building enclosed footprint - SF:

Building enclosed footprint perimeter - LF:

Building levels/floors - EA:

Street or Ground Floor level floor-to-floor height - VLF:

Typical floor-to-floor height - VLF:

Building overall height - VLF:

Area of elevated FLOOR decks - SF:

*If building is constructed atop below grade parking structural deck, do not include parking structure elevated deck in measurement above - begin measurement at next elevated floor deck. Similarly, if building is atop an above grade parking structure, or other podium, begin measurement at next elevated floor deck above parking/podium top level deck.*

Total perimeter of elevated floor decks - LF:

Answer a series of questions about your project and the knowledgebase generates extremely accurate project costs backed by extensive detail.

Commercial Knowledgebase is part of the Sage Construction and Real Estate family of fully integrated software created to streamline work and connect the people you depend on to build your business.