



Electrical Knowledgebase

For faster and more accurate estimating, Electrical Knowledgebase is a pre-built database of prices that you can begin using immediately.

Developed for use exclusively with Estimating, a Sage Timberline Office application nothing compares to the way Electrical Knowledgebase allows contractors to prepare conceptual estimates, even detailed estimates, immediately upon loading the software.

Eliminating the often tedious and time-consuming process of individual item takeoff, the built-in intelligence prompts you for minimal input to calculate quantities and costs of a given assembly.

Thousands of industry-standard item prices are included and ready to go without building your database from scratch. Electrical Knowledgebase includes Smart Assemblies® and modeling capabilities, so you can take off a complete system in a single step—assemblies such as branch power distribution and feeders, devices, and lighting. And each assembly or model is backed by complete item and labor detail plus the designed-in intelligence to simplify any complex estimate. Labor rates conform to NECA levels 1, 2, and 3 and material items are updated regularly by Trade Service's Tra-ser Premier program.

You can also set up and tap into item pricing and labor production rates honed to fit your custom requirements. This allows you to use a predefined price for negotiated work or net prices based on agreements with a particular vendor. You may also want to adjust labor rates to account for the degree of installation difficulty, weather, or other conditions that can affect the job. Choose one combination of pricing and labor factors for a hard-bid job, another for negotiated work, and still another for a change order.

Features and Efficiencies

- Quickly take off hundreds or even thousands of items thanks to Smart Assemblies with built-in intelligence.
- Set up models for any type of work such as commercial, hospital, schools, industrial, multi-family, and more.
- Configure multiple crews using criteria for unions, prevailing wage, or interstate work.
- Easily search and sort items thanks to Tra-ser Premier commodity code descriptions on every item.
- With Job Cost phase codes you can easily integrate with accounting applications.
- Generate material lists in a meaningful format for efficient material purchasing.
- Customize items with up to 20 prices for each and set up for automatic updates.
- Associate up to 10 labor rates to each item for accuracy under any conditions.

Electrical Knowledgebase is a part of Sage Timberline Office, fully integrated software created to streamline work and connect the people you depend on to build your business.

Create Interview

Model Name: 2010 - Commercial TI
 Model Reference: Building A Phase II

COMMERCIAL TI MODEL

Use this model to take-off the typical systems required in commercial tenant improvement applications. You will start with the branch and feeder conduit and wire and work your way through switchgear, devices, lighting and subcontracted items such as fire alarm, core drilling and the like. Set take-off quantity column properties in estimate spreadsheet to at least two (2), preferably three (3) "number of decimals" for unrounded quantities.

Raceway or Cable:

Select Conduit/Raceway or Cable Type: 3
 Select EMT diameter (1/2" through 4"): 0.75
 Box connectors: 200
 Select fitting type: 2
 Enter length (Inft) of cable or raceway: 1520.00

Wire & Conductors:

Check "Yes" to include wire conductors or bare ground:
 Select wire type:
 Select wire insulation:
 For the following wire-conductor variables below, enter the length of the example, if there are three (3) #14 conductors in a 100 Inft raceway, enter quantity (Inft) of #14 conductor, if any:
 #14 conductors, each:
 Enter quantity (Inft) of #12 conductor, if any:
 #12 conductors, each:
 Enter quantity (Inft) of #10 conductor, if any:
 #10 conductors, each:
 Enter quantity (Inft) of #8 conductor, if any:
 Enter quantity (Inft) of #6 conductor, if any:

Model Takeoff

Expand All
 Collapse All

Source
 Estimate
 Database

Interview
 Generate
 Put on hold
 Delete

Status
 Last Updated

Close Help

1000 BASIC MATERIALS & METHODS
 2000 CONSTRUCTION SYSTEM MODELS
 2010 Commercial TI
 2020 School
 2030 Industrial
 2040 Hospital
 2050 Multi-Family

Answer a few simple questions in the model interview and Model Estimating creates fast, accurate estimates in minutes. Choose from a number of pre-built, industry specific models, or build your own.

