Trex® Pergola™

How to select your pergola
Use this worksheet to configure your Trex Pergola.
Checkboxes indicate items where a selection is necessary.

Step 1: Select pergola attachment

Attached Pergola ☐
An attached pergola has two columns supporting a single beam on one side and a ledger attached to a structure to support the rafters on the opposite side.
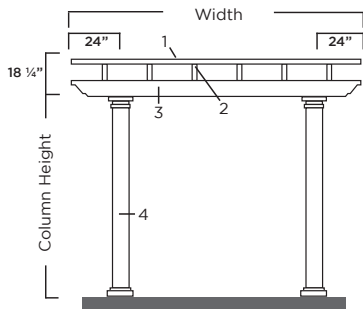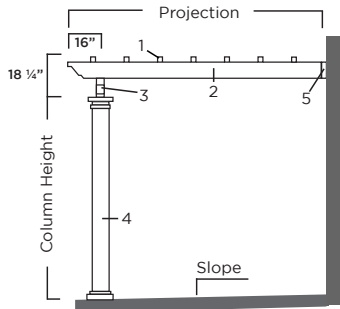
Freestanding Pergola ☐
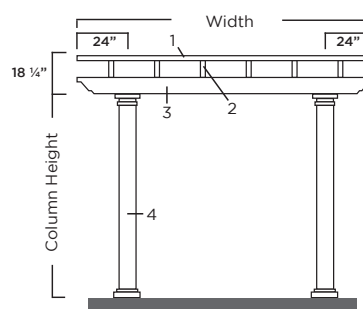A freestanding pergola has four total columns, two columns supporting one beam on each side of the pergola.

Figure 1.1
Attached Width

Figure 1.2
Attached Projection
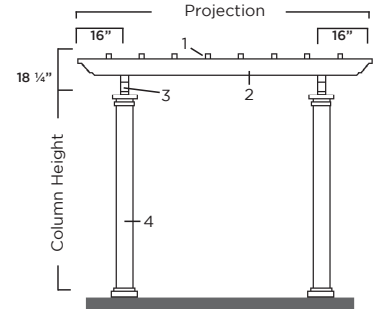
Figure 1.3
Freestanding Width

Figure 1.4
Freestanding Projection

Pergola Component Key

1. **Stringer**: 1½" x 1½" spaced approximately 12" on center
2. **Rafter**: 1½" x 7¼" spaced approximately 24" on center
3. **Beam**: 3½" x 9½"
4. **Column**: Selection of four structural fiberglass column styles
5. **Ledger**: 1½" x 7¼" (attached model only)

Step 2: Select overall pergola size and model

Trex Pergola dimensions are measured by the overall size of the top structure:

Width = Beam length (Figures 1.1 & 1.3)

Projection = Rafter length (Figures 1.2 & 1.4)

When measuring, be sure to note upper dimensions as well as column locations. Beams cantilever 24" from the center of columns (Figure 1.2) and rafters cantilever 16" from the center of columns (Figure 1.1). The amount of cantilever can be adjusted during installation.

Rafter Count - Width (Rafters) - 10' (5), 12' (6), 14' (7), 16' (8), 18' (9)
Stringer Count - Projection (Stringers) - 10' (9), 12' (11), 14' (13), 16' (15), 18' (17)
Figure 1.5 shows kit sizes for both attached and and freestanding models as well as those models with ShadeTree® canopy.
ShadeRight® Fixed canopy HD is an optional addition.

		WIDTH			
	10'	12'	14'	16'	18'
10'	●	● ⬡	● ⬡	● ⬡	● ⬡
12'	●	● ⬡	● ⬡	● ⬡	● ⬡
14'	●	● ⬡	● ⬡	● ⬡	● ⬡
16'	●	● ⬡	● ⬡	● ⬡	● ⬡
18'	●	● ⬡	● ⬡	● ⬡	● ⬡

(PROJECTION — left axis)

● Trex Pergola   ⬡ Trex Pergola + Shadetree Canopy

Figure 1.5 Available Sizes and Models

Step 3: Select column style, size, and attachment

1. **Height** - Available with 8' or 10' high structural fiberglass columns, which can be cut down on site. Add 18 ¼" to the height of the column to accommodate for the beam, rafter, and stringer (Figures 1.1-1.4). For attached models, the height of the bottom of the ledger can be found by adding the column height plus 9½" for the beam. Remember to take any slope of the mounting surface into consideration when measuring.
2. **Style** - See Figure 1.6 for column selection.
3. **Attachment** - Our exclusive Tension Rod™ mounting system does not require wood or metal inserts in the columns, is easy to install and provides a secure foundation. Choose from concrete or deck mounting kits.

Concrete Mounting Kit ☐   **Deck Mounting Kit** ☐

☐ 12" x 10' HIGH ROUND TAPERED
☐ 10" x 8' HIGH ROUND TAPERED
☐ 12"- 8" x 8' HIGH SQUARE TAPERED
☐ 10" x 8' HIGH SQUARE
☐ 8" x 8' HIGH SQUARE
☐ 10" x 8' HIGH SQUARE CLASSIC TRIM
☐ 8" x 8' HIGH SQUARE CLASSIC TRIM
☐ 8" x 8' HIGH SQUARE WITH BASE
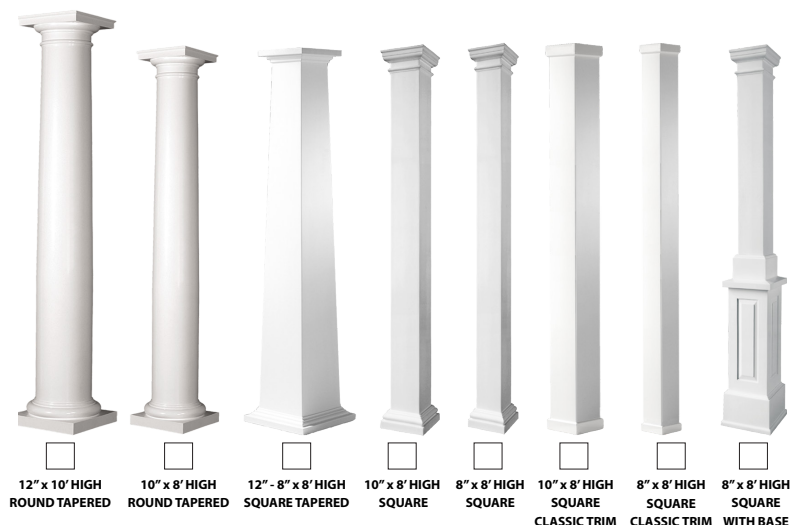
Figure 1.6 Fiberglass Column Selection

Step 4: Specify ColorLast™ Paint Color (Optional)

Our exclusive Monoseam Technology reduces seams on beams and rafters by up to 75% and allows us to offer the only cellular pvc pergola that does not require painting. Our optional ColorLast paint is resistant to scratches and chips, protected by a 20 year
warranty, and is offered in 17 standard colors (Figure 2.1) to coordinate with Trex decking and railing. Custom paint tinting is available to provide maximum design freedom.

4a. I would like to specify a custom paint color

| TH - Tree House | TT - Baltic Light | CS - Clam Shell | RS - Rope Swing | DB - Beach Dune | SR - Chocolate Roast |

| FP - Fire Pit | VL - Vintage Lantern | GP - Gravel Path | HG - Gold Ember | LR - Coffee Bean | LT - Latte |

| LG - Lagoon | PM - Palm | IO - Inferno | FF - Firefly | MN - Mango | CW - Classic White |

Figure 2.1 ColorLast Paint

Step 5: Specify Canopy Type (Optional)

To increase the comfort of any outdoor living space, we offer several pergola canopy systems. (Figure 2.2) From traditional to modern, fixed to retractable, our sun and rain protection options provide a range of solutions to fit your design and budget, helping to provide more from your outdoor structure.

Manually Retractable   ShadeTree Retractable   Tensioned Shade Sail   ShadeFlex or RainFlex   ShadeRight Fixed

Figure 2.2 Canopy Systems

Step 6: Specify Integrated Trex LED Lighting (Optional)

Integrated Trex Deck Lighting comes pre-installed in the beams of your Trex Pergola (Figure 2.3). Typical spacing is 2' to 3' on center, depending on beam length. Includes transformer and timer which support up to 30 Trex Deck Lighting fixtures.

I would like integrated Trex LED Lighting on my pergola

Figure 2.3 Integrated Trex Deck Lighting

Custom Trex Pergola

Custom sizes and shapes are no problem with Trex Pergola. If our standard sizes don't fit, Trex Pergola can be custom built to meet almost any design specification. Whether it is a unique area in your backyard or a spacious poolside patio outside a hotel, Trex Pergola can be customized to meet your needs. Provide us with your own design, or let our experienced staff assist you in designing a custom Trex Pergola.

Custom designs can be as simple as a standard kit modified to fit your project perfectly, to a one of a kind structure with unique beams, rafters, and stringers. Custom curves and bends are also possible, giving you even more creative freedom. Sizing Trex Pergola components to meet the look and structural requirements you need, while maintaining the refined style and unbeatable quality of a Trex Pergola is our specialty.

Trex®Pergola™

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