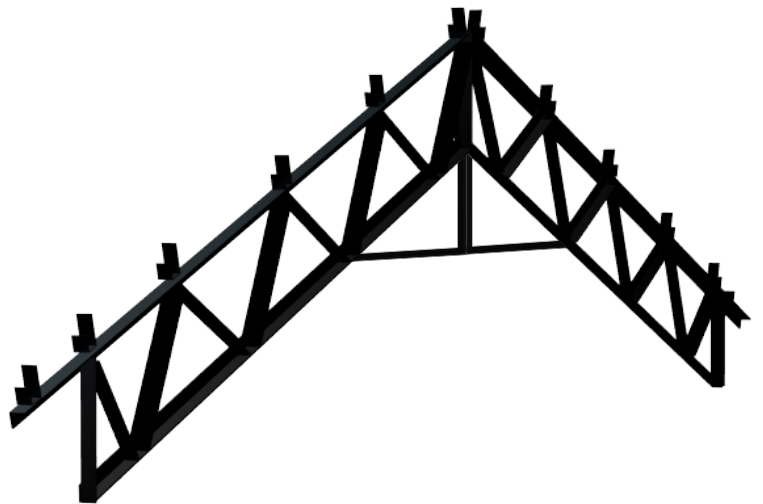# Steel Trusses

Steel Trusses offer increased strength, faster installation, and a longer life compared to wood frame pole barn trusses.

Pre-welded purlin cups, predrilled bolt holes, and included mounting hardware for fast & easy installation.

Gable, lean-to, and header trusses are all available; with accessories and lumber to round out any project.

Steel Trusses

Engineering

Our standard steel trusses are engineered from 2"x2"x3/16" angle iron and 1"x1"x1/8" webbing.

They feature a 90-mph wind load (IBC 2018 & 2021),105-mph design wind speed rating, a 20 PSF roof live load, and a 15 PSF ground snow load at 10-foot centers (2018 & 2021 IBC). We also offer tubing steel trusses by special order.

Styles

Truss styles include gable, lean-to, and header trusses.

Gable trusses are standard at 4:12 slope, though virtually any slope is available by special order.

Designed to compliment gable trusses, our Lean-To trusses are standard at 1:12 slope, and available in other slopes as well.
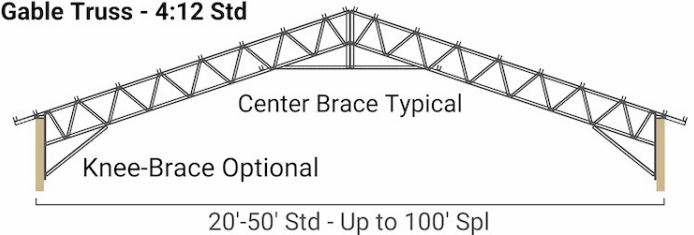
Header trusses allow you to space posts further while still allowing trusses - allowing wider bays and less wood.
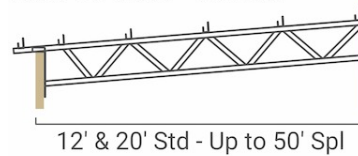
Quick Ship

Stock truss sizes include gables from 20' to 40' wide and lean-to styles in 12' and 20' wide. We can quickly transfer to any of our locations for pickup or delivery. We also provide the lumber, panels, and accessories for a complete package.

Gable Truss - 4:12 Std
Center Brace Typical
Knee-Brace Optional
20'-50' Std - Up to 100' Spl

Lean-To Truss - 1:12 Std
12' & 20' Std - Up to 50' Spl

Header Truss
20' & 24' Std, Up to 50' Spl

Truss Sizes & Options

Gable Truss:
- Std: 4:12 Slope, Widths: 20' - 50'
- Spc: 1:12 & Higher, Widths up to 100'

Lean-To Truss:
- Std: 1:12 Slope, Widths: 12', 20'
- Spc: 1:12 & HIgher, Widths up to 50'

Header Truss:
- Std: Widths: 20', 24'
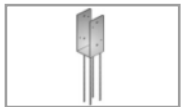- Spc: Widths up to 50'

Optional Hardware

5/8" x 5" Anchor Bolt

5/8" x 6" Drill Bit

Sturdi-Wall Drill-Set Anchor Bracket

Sturdi-Wall Plus Wet-Set Anchor Bracket