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.
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 in Cleveland Tennessee 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.

Truss Sizes & Options

Gable Truss:
- Spc: 1:12 & Higher, Widths up to 100’

Lean-To Truss:
- Stock: 1:12 Slope, Widths: 12’, 20’
- Spc: 1:12 & Greater, Widths up to 42’

Header Truss:
- Spc: Widths up to 24’

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