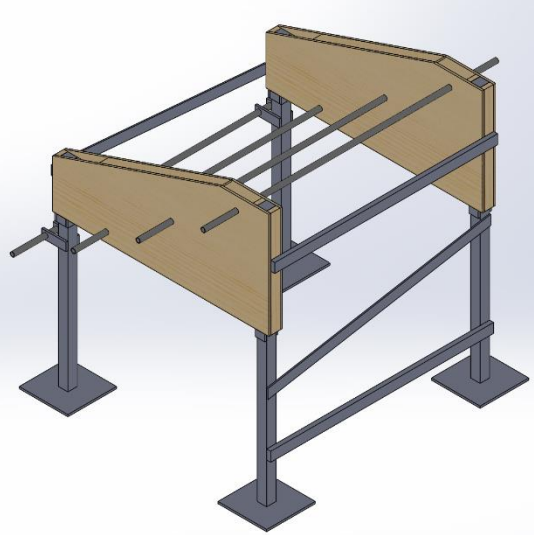


TE-22310 TE HANGAR



Description: This is a complex HANGAR design that features all the rungs, allowing teams to practice every aspect of the HANGAR. Please note, this was designed originally to use floor protection. If you are not using floor protection, the mounting distance of some dimensions may change. Please pay attention to the notes in the drawings.

FILES INCLUDED

In this compressed folder, you will find all the Drawings, CAD Files, and STEP Files for this design.

Drawings: For your convenience, all drawing files have been exported to PDF Format. Each major field assembly will have both assembly drawings and component drawings.

CAD Files: All SOLIDWORKS files required to build or modify the assembly.

STEP Files: STEP files of the assembly are included for the convenience of non-SOLIDWORKS users.

SHOPPING LIST

Shopping List:

Plywood and Lumber

- 4' x 8' x 1/2" Thick Plywood – 1/2 Sheet
- 4' x 8' x 3/4" Thick Plywood – 4 Sheets
- 4" x 4" x 8' Long Lumber – 4 Pieces
- 2" x 4" x 8' Long Lumber – 6 Pieces

Hardware

- #8 Wood Screw x 1.25" Long – approximately 1 lb.
- #8 Wood Screw x 2.5" Long – approximately 1 lb.

Other

- 1-1/4" Schedule 40 Black Iron Pipe x 8' long – 4 pieces
- 1-11/16" Spade Bit, Forstner Bit or Hole Saw (1-3/4" can be substituted but will leave a much looser fit and the bar will sit slightly lower than normal)

Notes about materials

- Plywood and Hardboard Sheets – quality of plywood is up to the user. Plywood of lower qualities may contain voids and may warp more than high quality plywood. All dimensions listed are "nominal". For example, 1/2" plywood is typically 15/32".
- Lumber - quality of lumber is up to the user. Please keep in mind that lumber of lower qualities may warp more than high quality lumber. All dimensions below are the "mill cut" dimensions. For example, 2" x 4" lumber is really 1 1/2" x 3 1/2".