



SPECIFICATIONS (as of 6-1-09)

Tough Stuff 065 Ladder End Loft Bed, Bunkbed, Single Bed

Wood

Furniture grade 0/2 BE or better southern yellow pine and/or radiata pine. Solid wood construction. Kiln dried to 8-12% moisture content.

Finish

Finished in light medium oak stain, sealed and coated with two top coats of lacquer.

Fasteners

High carbon steel finish nails: sized 1 1/4". All epoxy coated. #8 x 1 1/4" screws for slats. 5" lag bolts, 3/8" diameter used to attach side rails to bed ends.

Construction Panels

3-ply panels: middle ply 1"x6" and 1"x4" boards. Panels are glued, nailed with 1 1/4" finish nails, then clamped in hydraulic presses.

Construction of Side Rails

A 70"x2" board is glued and fastened to a 74 1/2"x2"x6" board with #10 x 2 1/2" screws. Two 5/16" pilot holes are bored in each end of side rails for seating of lag bolt.

Construction of Guardrails

Guardrails consist of two 74 1/4"x1"x4" boards fastened together with three 12"x1"x4" boards leaving 3" of space between the two rails. Boards are glued and fastened with 1 1/4" staples.

Assembly

Panels are attached to side rails with 5" lag bolts. Slats are screwed to side rails with #8 x 1 1/4" wood screws. Guardrails fit into routed guardrail slots and are secured with snappable straps.

Important Features

- (1) Top of guardrail is more than 5" above the top of a 5" mattress.
- (2) Demountable top and bottom bunk are secured by 3" steel dowel pins which are 5/16" in diameter.
- (3) Full-width spacers between horizontal cross-pieces.
- (4) Narrow spacing between horizontal cross-pieces allows no more than 3 1/4" gap.
- (5) Slats screw into cleat on 2"x6" side rail.
- (6) 32" between bunks.
- (7) 65" High