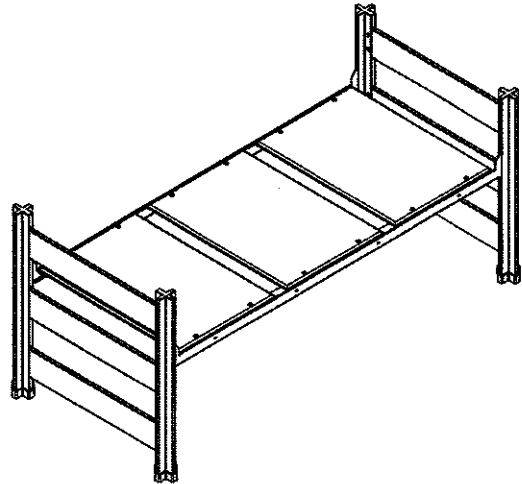


Dimensions:

88.5"D x 39.5"W x 38.5"H Mattress Size: 36x80

Materials:**Headboard/ Footboard**

Headboard posts are extruded aluminum. The extrusion has 4 integrated channels, making the image of the post an "X" in cross-section. The top of each post is capped by a low profile injection molded, hi-impact plastic cap. Its large tab is friction-fit into the core of the post and held secure.



The bottom of each post is capped by an injection molded, hi-impact plastic coupler. This coupler acts as the foot of each post, and its large tab is inserted into the core as the top cap is, and held secure. The coupler is a patented connector that allows the bed to be bunked or lofted without the use of pins or pegs. There are no loose parts.

Each headboard has three 6" x 3/4" rails, equally spaced. Rails are 3/4" hardwood veneer plywood with a 3 mil pvc edgeband. Rails attach to aluminum posts via a metal-to metal connection. The end of each rail contains 2 threaded t-nuts. The 3/4" rail is inserted into one of the 4 integrated channels. The flange of the channel is bored to accept 3/4" hex head fasteners. These fasteners mechanically attach to the t-nuts of the rail and secure the rail to the headboard. This method of attachment supports on-site repair of any rail damage. There is no glue. There are no dowels.

Metal U-Channel and Integrated Pins

Metal U-channel for multiple deck-mounting heights is inserted into one of the integrated channels. The U-channel is patented. It is a single-piece of cold rolled steel that is bent and machined into its final form. The pins are formed by drawing in the metal from the sides of the U-channel. Channel and pins are all part of the same metal stock. Separate metal pins that are inserted and coined into the channel are not acceptable. Pins set into wood are not acceptable, nor are sheet metal slots in lieu of pins.

U-channel is full length (37") cold rolled steel broken to 5/8" x 1-1/8", with top and bottom corners beveled 1/4" to match post detail. U-Channel edges to be deburred to prevent any sharp edges. U-Channel to be drilled and countersunk to allow attachment to aluminum post with minimum of six (6) 1" #10 sheet metal flat head screws. U-channel to be painted black.

The pins are located on 3" centers, and provide for 11 different bed heights. Bed height adjustments can be done without tools.

Metal Side Rails

Patented side rails for spring deck are one complete piece of steel. No joints. No welds. No rivets. End gussets containing mounting teeth are oriented upwards. All metal rails are 11 gauge cold rolled steel. Metal bed frames utilizing gusset plates that are oriented downward or fastened to the frame via rivets, bolts, or welds, are not acceptable.

The 1-piece metal side rails used with the spring deck are punched to accept the hardware for attaching Guard rails or Decorative rails. These items require no tools for attachment or removal from bed. 1-piece metal side rails are painted black.