

Specifications ■

Neena™ Bench

KI-62231/KI/PDF 9/17/2010

Model Numbers: **7948 bench 48" wide**
 7960 bench 60" wide

Frame Construction

All frame members are constructed from thoroughly seasoned select maple lumber, kiln dried to a moisture content not exceeding 6-8% at fabrication. Each leg measures 1 3/4" square connected by rails measuring 1 1/16" x 2 1/2". All lumber is of sound stock without knots, shakes, or other defects, which affect appearance or serviceability. All main frame joints are double doweled and glued and reinforced with corner blocks. All exposed wood areas are hand sanded to a true smooth surface.

Suspension Construction

The seat platform is constructed with Universal sinuous wire springs of 7 1/2 gauge firmly attached to the front and back seat rails. Springs are installed on 5" c/c. A unitized spring surface is attained by attaching two (2) 16 gauge insulated steel tie wires (#F16SW) with Hartco clips to each spring running the entire width of the seat. The deflective action is thereby spread to all springs in the seat. The springs are insulated with a 5/8" thick pad of nylon reinforced non-woven cellulose fiber.

Foam Specification

The seat cushion is filled with a 4" thick slab of premium polyurethane foam of 40 lb. compression and a density of 2.0. A layer of polyester fiber is glued to the upper surface for softness.

Final Assembly

The bottom surface of the seat is covered with a sheet of Cambric for dust protection. Each leg is fitted with a nail-in plastic glide to help protect any flooring surface.

Control Mechanisms

The knee tilt control is the standard, with an upright lockout, and adjustable tension control.

Wood Finish

Exposed wood is machine sanded with 180 grit paper, followed by 220 grit paper for a smooth surface. A spray stain is then applied for an overall even color. Once the stain is applied, the wood parts are run through a burn-off oven and the wood finish is baked on for one hour at a temperature of 140 to 150 degrees Fahrenheit. The wood is then sealed to prevent moisture imbalance. The entire frame is then sanded by hand with 400 grit paper for fine detailing. The final step is the application of a conversion varnish topcoat which is also run through the burn-off oven process.

