

Technical Specifications ■

LaResta® Day Bed

August 2011

Seat/Back/Sleep Surface

The day bed shall have separate sitting (sofa) and sleep (bed) surfaces accomplished via a maintenance-free, easily operated roller mechanism. The seat cushion shall consist of 6" thick solid, high density, high resiliency, polyurethane foam attached to a laminated hardwood plywood seat with side and back supports. The back cushion shall consist of 1.5" and 1" thick solid, high density, high resiliency polyurethane foam laminated to both sides of a laminated hardwood plywood back frame. The plywood frame back assembly shall have two 1.5" x 1.5", 14-gauge steel tubes running its length for additional strength and attachment to the roller mechanism. The seat and back surfaces shall be angled to allow for a comfortable sitting surface. The sleep surface shall consist of a single cushion without any cracks or segments and be level and secure when in the sleep position. Upholstery fabric shall be permanently attached on the seat and back cushions with staples and shall have a handle mounted in the top of the back for operation.

Mechanism

The mechanism shall consist of a seat support weldment, back brackets, and nylon rollers assembled with $\frac{3}{8}$ " diameter, Grade 8 shoulder bolts. The seat support weldment shall be comprised of two 1.5" x 1.5", 14-gauge steel tubes welded to two 11-gauge steel "L" brackets. The back bracket shall be constructed from 7-gauge steel and shall have a bayonet tab keyhole that allows for attachment of the back cushion. The rollers shall engage a CNC machined track in laminated hardwood plywood that allows for a smooth, controlled motion when transitioning from sitting to sleep positions. A spring-loaded, cable actuated pin on each end of the day bed shall be used to lock the back in the sleep position. The die-cast actuator for this lock shall be located in the center top of the back. A pneumatic damper shall be used to cushion the motion of the mechanism.

Freestanding and Built-In Frame

The frame for freestanding and built-in units shall consist of two 1.5" x 1.5", 14-gauge steel tubes welded to two 11-gauge steel plates. This frame shall maintain the width of the day bed and attach to the side panels or arms via 16 screws. This frame shall also allow for the attachment of drawers or fascia board to the underside of the seat

Modern Frame

The visible frame for the modern style shall consist of 1.5" x 1.5", 14-gauge steel tubes welded to 1.75" x 1.75", 14-gauge legs. The frame shall maintain the width of the day bed and attach to the arms via 5 screws each or side storage via 8 screws each. An auxiliary support frame utilizing the same tube construction shall be used to support the rear portion of the side storage.

Freestanding Arms

The day bed shall be available in either a freestanding version with arms constructed from laminated hardwood plywood panels covered with $\frac{1}{4}$ " polyurethane foam and upholstered in fabric. Hardwood components will be consistent in design to the current Briar, Flex, Perth, and Soltice arm design aesthetics.

Built-In Side Panels

The built-in track panel shall be constructed from 1 $\frac{1}{2}$ " laminated hardwood plywood covered with high-pressure laminate and will have a 2mm PVC edge. PVC edges for wood grain laminates shall closely match the laminate and use a printed-on grain pattern and construction.

Modern Arms and Storage Cabinet

The Modern day bed style shall have the option of arms, storage cabinet on either end, or storage cabinets on both ends. The arms and storage shall be constructed from laminated hardwood with $\frac{1}{4}$ " of polyurethane foam and upholstered in fabric with a 1 $\frac{1}{2}$ " thick arm cap or storage top. The storage shall have a pivoting front accomplished with two European-style, adjustable hinges. Interior storage panels shall be constructed from black plastic for cleanability.

Metal and Wood Finishes

All structural metal components shall be finished in powder coat that is electro-statically applied. All hardwood components shall be available in various finish colors and shall consist of a catalyzed lacquer applied over clear European beech. Hardware items shall be covered in powder-coat finish also.



Drawers and Fascia Board

Freestanding and built-in day bed styles shall have the option of either attaching two 36"W x 18"D x 8"H drawers with two integral roller glide mechanisms have a 70# load capacity, or a front fascia panel. Attachment of drawers shall be accomplished with to 14-gauge steel "L" shaped brackets. All drawer box material shall be Russian birch hardwood plywood, a minimum of $\frac{7}{16}$ " thick and be free of all defects that would affect strength or appearance. All drawer bottom material shall be a minimum of $\frac{1}{4}$ " thick MDF with veneered top surface. Drawer fronts shall be constructed from $\frac{3}{4}$ " thick MDF and covered in high-pressure laminate and 3mm PVC edge or "T" mold, with the option of a drawer pull attached to the drawer front. The front fascia panel shall be constructed from $\frac{3}{4}$ " thick MDF covered in high-pressure laminate and 3mm PVC edge or "T" mold, and will be attached with three 14-gauge steel brackets and screws.

Casters

The freestanding day bed, excluding the modern, shall have the option of having casters consisting of heavy-duty nylon wheels and a locking feature to prevent movement.

Overall Dimensions

- Sleep surface height: 24.5"
- Sleep surface size: 34" x 75" , Modern: 32" x 75"
- Seat height (max): 34" , Modern: 32"
- Back height (max): 34" , Modern: 32"
- Freestanding models overall width without arms: 76.10" (Add 2X individual arm width shown below to obtain total width for each arm option)
- Individual arm width – Briar 2.5", Flex 2.5", Perth 2.25", Soltice 2.5", Modern 5.5"
- Arm height (max) – Briar 24.75", Flex 27.25", Perth 25.25", Soltice 27.37", Modern 31"
- Standard built-in model width: 79.30"
- Modern model width – No storage: 87.25", Storage one side: 97.75", Storage both sides: 108.25"