

Nature Cart Fabrication

Dimensions of the Cart

Outside: 52 inches long x 34 inches wide x 40 inches high (plus 8 inches wheels)

Inside: (cargo) area 50 inches long x 30 inches wide x 40 inches high

Wheels (10 inch diameter) mounted on plywood base – 2 wheels have brakes

Create base and add wheels

- For base, bond 2 sheets of plywood 52"x 34"
- Add trim to base
- Attach 2 locking wheels and 2 rolling wheels to base

Framing the base and the posts

- Cut the base of the cart to size using plywood
- Attach redwood trims to the side edges of the base for a finished look
- Make 4 corner posts by attaching two 1x4s using butt joints
- Attach a corner post to each of the outside corners of the base, flushing the bottom of the posts with the bottom of the base

Framing the middle shelf

- Attach front and back shelf stretchers and side rails to the inside of the corner posts
- Cut shelves to size using plywood; one stationary and one sliding
- Attach stationary shelf on top of the stretchers
- Finish the sliding shelf with redwood trims if desired
- Build sliding mechanism to support the sliding shelf on top of the stationary shelf

Framing the top

- Attach 2 top stretches and 2 side rails to the inside of the corner posts
- Cut out the top of the cart to size using plywood, fit and attach the top inside the corner posts

Cart Enclosure

- Add horizontal wooden slats to the 2 sides leaving space on one side to operate the sliding shelf
- Cut and attach slats to back of the cart
- Leave front open or add removable door to the front if desired

Adding the handle

- Cut and attach push handle bar to one side of the cart 30 inches from the ground

Finishing

- Round all sharp edges and corners with a router to add softness to the cart
- Add decorative elements to inspire imagination and creativity
- Use desired finishes to protect the wood from the elements