

HART™



Holiday Ornament

PROJECT PLAN

Skill Level: Intermediate

Materials

Item	Qty
1/4" x 24" x 48" Plywood*	1
Paint Brush	1
Paint Tray	1
Paint, 3 colors of your choice	3
Washi Tape Roll, color of your choice	1
Thin Rope or Ribbon, color of your choice	1
Sandpaper**	1

Many of these items can be purchased at your local Walmart or at Walmart.com

*Board Dimensions are "nominal". Actual dimensions are smaller due to lumber industry standards. Cuts are actual length.

**Starting grit will depend on board surface condition, a rough surface will require starting with a coarse grit first.

Grit is measured in the coarseness of the particles on the sandpaper. The lower the grit number, the coarser the paper. Heavy sanding would require 60 to 80 grit, medium sanding would require 120 to 220 grit, and finish sanding would require 320 to 400 grit. Super fine sanding would be 600 grit and higher.

A select/premium board or plywood comes with a smoother surface finish. It is clear or has very few tight knots, and it will have straight and sharp edges. This grade of wood pairs well with other boards or panels better and requires less time to sand and finish.

HART Products Used



20V Jigsaw



20V Random Orbiting Sander



20V Router



20V Glue Gun



4V Rotary Tool



Jigsaw Blade



Router Bit



Glue Sticks



Sanding Bit



20V 4.0Ah Battery

Battery Tip: A 4.0 Ah battery is recommended to be paired with high amp draw tools for maximum efficiency.



Multi-Purpose Hobby Knife



Carpenter Pencil



Safety Glasses

Assembly Instructions

Step 1

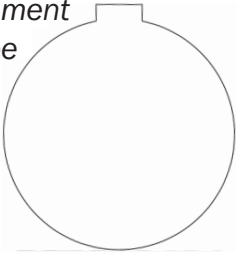
Print the design template at your local Walmart Photo Center.

The template can be found at the end of this document.

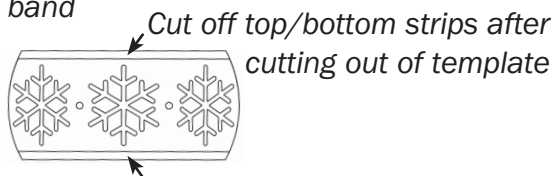
Step 2

Cut out the template pieces using your HART Multi-Purpose Hobby Knife. You should end up with three parts, one ornament shape, one snowflake band (make sure to cut off the top and bottom strips from the band after you cut the whole piece out of the template. Also cut out the snowflake/dot shapes from the snowflake band) and the original template where the hole left from cutting out the snowflake band which will be used to trace a larger strip.

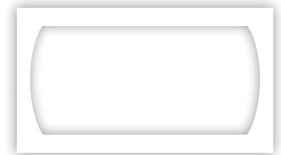
1. Ornament shape



2. Snowflake band



3. Template hole for large strip



Step 3

Put on your HART Safety Glasses and then sand both sides of your plywood sheet using your HART 20V Random Orbit Sander.

Step 4

Trace your template pieces onto your plywood sheet with your HART Carpenters' Pencil.

Make sure to leave enough space for easy cutting.

Step 5

Carve out the inside of the snowflakes/dots and a hang hole for the rope at the top of the ornament shape using your HART 20V Router.

Step 6

Cut the template parts out using your HART 20V Jigsaw.

Step 7

Sand the cut-out edges and inside of the snowflakes/dots with your HART 4V Rotary Tool.

Step 8

Paint the different pieces using the colors of your choosing.

The example has the snowflake band painted light blue, the large strip white, and the ornament shape dark blue. Allow time for the paint to dry before moving on to the next step.

Step 9

Using your HART 20V Glue Gun, glue the large band to the center of the ornament so that it is centered on the ornament circle and the right and left edges align, without little to no overlap.

Example to the right

Then repeat your previous action for the snowflake band on top of the larger band that you just glued down so that it is centered over the larger band while aligning the left and right edges of the ornament.

Example to the right

Use caution when working with the Glue Gun as the glue will be hot to the touch. Allow time for the glue to dry before moving on to the next step.



Step 10

Place your washi tape along the rectangle topper of the ornament shape so that it completely covers the rectangle, this may take more than one piece of tape. Then place a single strip above and below the large band.

Example to the right

Make sure to use your HART Multi-Purpose Hobby Knife to puncture a hole in the washi tape on the rectangle topper, after placement, where you cut the hang hole for the rope to feed through.

If you are having trouble getting your washi tape to stay down, you can use your HART 20V Glue Gun to glue it down. Use caution while working with the hot glue and allow time for any glue to dry before puncturing the washi tape for the hang hole and before moving on to the next step.



Step 11

Finally feed your rope or ribbon through the hole at the top and tie a knot. You can now hang and enjoy your new holiday ornament creation!

