

# HART™



Scandinavian Wood Tree

## PROJECT PLAN

**Finished Dimensions:** 26" W x 36" H x 26" D

**Skill Level:** Beginner

# Materials

Item	Qty
1" x 8" x 3' Board*	1
1" x 2" x 6' Board*	6
(1) 36" x 5/8" Dowel Rod	1
Sandpaper:** 150g, 220g, 320g	

\* 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's clear of or has very few tight knots, and will have straight and sharp edges. This grade of wood pairs well with other boards or panels and requires less time to sand and finish.

# Tools Used



Miter Saw

or



20V Circular Saw



20V Drill/Driver



20V Multi-Tool



Work Table & Clamps



20V 4.0Ah Battery



20V Charger



5/8" Spade Bit

or



3/4" Spade Bit



Safety Glasses



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

# Lumber Cut List

Board*	Description	Cut to	Qty
1" x 8" x 3' Board	Base	7-1/4"	4
1" x 2" x 6' Board	Spacers	1" x 1" Square	22
1" x 2" x 6' Board	Branches	26"	2
1" x 2" x 6' Board	Branches	24"	2
1" x 2" x 6' Board	Branches	20"	2
1" x 2" x 6' Board	Branches	18"	2
1" x 2" x 6' Board	Branches	14"	2
1" x 2" x 6' Board	Branches	12"	2
1" x 2" x 6' Board	Branches	10"	2
1" x 2" x 6' Board	Branches	8"	2
1" x 2" x 6' Board	Branches	6"	2
1" x 2" x 6' Board	Branches	4"	2
1" x 2" x 6' Board	Branches	2"	2

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# Assembly Instructions

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## Step 1

Use your saw to cut down your 1" x 8" board into four (4) 7-1/4" pieces to make your bases.

Then, cut down your 1" x 2" boards to the measurements in the Lumber Cut List. You should end up with 22 1"x1" spacers and 22 branches ranging in length from 2" to 26".


Sand down all edges using your multi-tool with its sanding pad attachment.

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## Step 2

Clamp the bases to your work table and drill holes through each board's center using your drill and spade bit.

All of your wood pieces will be stacked on your 5/8" dowel rod. Use a 5/8" spade bit for a tighter fit or a 3/4" spade bit for a looser fit.

 **Tip - Stack your boards and clamp them tightly to drill holes through multiple boards simultaneously.**

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## Step 3

Stand up your dowel rod vertically and slide each of the four (4) base pieces all the way down the rod. Slightly angle each piece so it's not perfectly square.

Use wood glue in and around the center holes on each base for extra strength.

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## Step 4

Then, slide your branches from biggest to smallest onto the dowel rod, adding one (1) spacers in between each piece until you've used all of the pieces.

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## Step 5

Project complete! Leave the wood raw for a clean and minimalist look, or paint (or stain) any color that matches your decor.