

# Plane Woodworking Pricing Structure



## Bf Calculator

Part Name	Width (In)	Length (In)	Thickness	Qty	BF	Raw BF	Raw Material Thickness	Material	Material Price	Lumber Cost
Shelves	5	24	0.75	12	7.50	10.50	1.00	Oak (White)	\$12.75	\$133.88
Sides And Partitions	12	33.75	0.75	8	16.88	23.63	1	Oak (White)	\$12.75	\$301.22
Top/Bottoms	12	52.315	0.75	6	19.62	27.47	1	Oak (White)	\$12.75	\$350.18
Drawer Heads	16.625	14	0.75	6	7.27	10.18	1	Oak (White)	\$12.75	\$129.83
Drawer Sides	5.125	21	0.625	12	5.61	7.85	1	Oak (White)	\$12.75	\$100.06
Drawer Backs	5.125	14.75	0.625	6	1.97	2.76	1	Oak (White)	\$12.75	\$35.14
Legs	3	52	1	2	2.17	3.03	1.25	Oak (White)	\$13.25	\$40.19
Back panel	34.375	52.25	0.25	1	3.12	4.37	1	Oak (White)	\$12.75	\$55.66

## Hardware/finishing Supplies

Item Name	Price	Qty	Sum Total	Tax	Total
Undermount Blum 563H	36.99	6	\$221.94	\$14.70	\$236.64
Arm-R-Seal Oil Based Satin	44.95	2	\$89.90	\$5.96	\$95.86
Design Fees	Waived		\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	\$0.00
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## Material Information

Lumber Cost	\$1,146.16
Hardware/Finishes	\$332.50
Estimated Hours Labor	40
Business Multiplier	1.5
Total Board Ft	89.78

## Project Summary

Total Material Cost	\$1,478.66
Labor (40Ph)	\$1,600.00
Business Multiplier (x1.5)	\$1,539.33
Subtotal	\$4,617.98
Sales Tax	\$305.94
<b>Total</b>	<b>\$4,923.92</b>
Deposit amount 50%	\$2,461.96

## Funds Distribution Summary

Total Amount	\$4,923.92	
Marketing	\$49.24	1%
Tool Depreciation	\$49.24	1%
Owners Pay	\$1,132.50	23%
Operations	\$541.63	11%
Taxes	\$1,477.18	30%
Cost of goods sold	\$1,526.42	31%
One Tree Planted	\$147.72	3%

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- We first start by entering the cut list for the designed project to calculate the required Board feet (BF).  
Board feed = Length (ft) x Width (in) x Thickness (in) / 12. NOTE: We add 30% to account for waste in “Raw BF”.
- Next the material is selected which populates a material price. Then the lumber cost for each piece is Calculated by multiplying “Material Price” x “Raw BF” = “Lumber Price”

Bf Calculator										
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# Plane Woodworking Pricing Structure



## Material Information Table

- **Lumber Cost** = Sum of board ft calculator.
- **Hardware/Finishes** = Sum of Hardware and Finishes Table
- **Estimated labor** = How much time I think the job will take to be complete x \$40.00 per hour – This variable is just an approximate and the difference will be reflected in the final invoice.
- **Business Multiplier** = This Multiplier is where the company profits are made. Its what pays for any mistakes on our end, overhead, software subscriptions, marketing, and tooling to keep us in business.
- **Total Board Ft** = the sum of the board ft calculator results so we know how much lumber to purchase.

Material Information	
Lumber Cost	\$1,146.16
Hardware/Finishes	\$332.50
Estimated Hours Labor	40
Business Multiplier	1.5
Total Board Ft	89.78

## Project Summary Table

- **Total Material Cost** = The sum of Lumber and Hardware/Finishes.
- **Labor** = Estimated hours Labor \* \$40 Per hour.
- **Business Multiplier** = Sum of Material and Labor \* 1.5
- **Subtotal** = Total before taxes are applied
- **Sales Tax** = The state wants their cut
- **Total** = The total amount due from (you) the customer.
- **Deposit Amount** = We require a non-refundable 50% deposit for all custom projects to secure your place on the schedule and to purchase materials.

Project Summary	
Total Material Cost	\$1,478.66
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Business Multiplier (x1.5)	\$1,539.33
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Sales Tax	\$305.94
<b>Total</b>	<b>\$4,923.92</b>
Deposit amount 50%	\$2,461.96

Funds Distribution Summary		
Total Amount	\$4,923.92	
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Tool Depreciation	\$49.24	1%
Owners Pay	\$1,132.50	23%
Operations	\$541.63	11%
Taxes	\$1,477.18	30%
Cost of goods sold	\$1,526.42	31%
One Tree Planted	\$147.72	3%

## Funds Distribution Summary Table

- **Total Amount**= The total dollar amount we receive from the project.
- **Marketing** = running ads and business cards etc..
- **Tool Depreciation**= the gradual decrease in the value of a tool over time due to wear and tear.
- **Owners Pay** = The money I use to keep the lights on and food on the table.
- **Operations** = this pays for Software, Website, Electric, Overhead, Consumables like sandpaper, drill bits, dowels, router bits etc....
- **Taxes** = This is how much I need to set aside for the IRS
- **Cost of goods sold** = How much it costs me to produce the product in materials.
- **One Tree Planted** = Our donation to planting trees so we can keep making cool wood products while keeping the planet healthy!