

# Cut List & Nesting Report

Professional Manufacturing Analysis

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## Project Summary

PROJECT METRIC	VALUE
Total Parts	8
Unique Components	8
Material Sheets	2
Kerf Width	12mm
Material Efficiency	48%
Total Waste Area	3.08 m <sup>2</sup>
Total Cost	SAR910.00

## Materials Used

MATERIAL TYPE	SHEETS REQUIRED	UNIT COST	TOTAL COST
Cherry Wood_18.0mm	2	SAR455.00	SAR910.00

## Unique Part Types

PART NAME	WIDTH (MM)	HEIGHT (MM)	THICKNESS (MM)	MATERIAL	GRAIN	QTY	AREA (M²)
Cabinet Bottom Panel	2040	450	18	Cherry Wood_18.0mm	Any	1	1
Cabinet Side Left	364	450	18	Cherry Wood_18.0mm	Any	1	0
Cabinet Side Right	364	450	18	Cherry Wood_18.0mm	Any	1	0
Cabinet Top Panel	2040	450	18	Cherry Wood_18.0mm	Any	1	1
Drawer Front 1	358	497	18	Cherry Wood_18.0mm	Any	1	0
Drawer Front 2	358	497	18	Cherry Wood_18.0mm	Any	1	0
Drawer Front 3	358	497	18	Cherry Wood_18.0mm	Any	1	0
Drawer Front 4	358	497	18	Cherry Wood_18.0mm	Any	1	0

## Sheet Inventory Summary

MATERIAL	DIMENSIONS (MM)	COUNT	TOTAL AREA (M²)	PRICE/SHEET	TOTAL COST
Cherry Wood_18.0mm	2440 × 1220	2	6	SAR455.00	SAR910.00

# Cutting Diagrams

## Sheet 1: Cherry Wood\_18.0mm

 Cutting diagram for Cherry Wood\_18.0mm

*Efficiency: 73.6% / Waste: 26.4%*

## Sheet 2: Cherry Wood\_18.0mm

 Cutting diagram for Cherry Wood\_18.0mm

*Efficiency: 23.0% / Waste: 77.0%*

## Cut Sequences

### Sheet 1: Cherry Wood\_18.0mm

Stock Size: 2440 × 1220 mm

STEP	OPERATION	DESCRIPTION	MEASUREMENT
1	Setup	Prepare stock material	2440 × 1220 mm
2	Cut	Cut Cabinet Top Panel - Length	2040 mm
3	Cut	Cut Cabinet Top Panel - Width	450 mm
4	Edge Band	Apply edge banding to Cabinet Top Panel	None ()
5	Cut	Cut Drawer Front 4 - Length	358 mm
6	Cut	Cut Drawer Front 4 - Width	497 mm
7	Edge Band	Apply edge banding to Drawer Front 4	None ()
8	Cut	Cut Cabinet Bottom Panel - Length	2040 mm
9	Cut	Cut Cabinet Bottom Panel - Width	450 mm
10	Edge Band	Apply edge banding to Cabinet Bottom Panel	None ()
11	Cut	Cut Drawer Front 1 - Length	358 mm
12	Cut	Cut Drawer Front 1 - Width	497 mm
13	Edge Band	Apply edge banding to Drawer Front 1	None ()

## Sheet 2: Cherry Wood\_18.0mm

Stock Size: 2440 × 1220 mm

STEP	OPERATION	DESCRIPTION	MEASUREMENT
1	Setup	Prepare stock material	2440 × 1220 mm
2	Cut	Cut Drawer Front 2 - Length	358 mm
3	Cut	Cut Drawer Front 2 - Width	497 mm
4	Edge Band	Apply edge banding to Drawer Front 2	None ()
5	Cut	Cut Drawer Front 3 - Length	358 mm
6	Cut	Cut Drawer Front 3 - Width	497 mm
7	Edge Band	Apply edge banding to Drawer Front 3	None ()
8	Cut	Cut Cabinet Side Right - Length	364 mm
9	Cut	Cut Cabinet Side Right - Width	450 mm
10	Edge Band	Apply edge banding to Cabinet Side Right	None ()
11	Cut	Cut Cabinet Side Left - Length	364 mm
12	Cut	Cut Cabinet Side Left - Width	450 mm
13	Edge Band	Apply edge banding to Cabinet Side Left	None ()

# Usable Offcuts

SHEET #	MATERIAL	ESTIMATED SIZE	AREA (M²)
1	Cherry Wood_18.0mm	1952 × 402mm	0.785
2	Cherry Wood_18.0mm	1952 × 1175mm	2.293

## Cut List & Part Details

PART ID	NAME	DIMENSIONS (MM)	MATERIAL	SHEET #	GRAIN	EDGE BANDING
P1	Cabinet Top Panel	2040 × 450	Cherry Wood_18.0 mm	1	Any	None
P2	Cabinet Bottom Panel	2040 × 450	Cherry Wood_18.0 mm	1	Any	None
P3	Drawer Front 4	358 × 497	Cherry Wood_18.0 mm	1	Any	None
P4	Drawer Front 1	358 × 497	Cherry Wood_18.0 mm	1	Any	None
P5	Drawer Front 2	358 × 497	Cherry Wood_18.0 mm	2	Any	None
P6	Drawer Front 3	358 × 497	Cherry Wood_18.0 mm	2	Any	None
P7	Cabinet Side Right	364 × 450	Cherry Wood_18.0 mm	2	Any	None
P8	Cabinet Side Left	364 × 450	Cherry Wood_18.0 mm	2	Any	None