Job packet

Repeat-shop record · first job

Project: native-fixture-repeat-first-job
Plan: native-hand-repeat-first-job
Generated: 1970-01-01T00:00:00Z

> **HISTORICAL PLAN — geometry is verified against its frozen project. This packet is not authority to consume current stock.**

> **PARTIAL PLAN — 1 required part instance(s) remain unplaced. They are not produced and receive no placed-part label.**

Exact model accounting

Source stock: 500000 mm²

Placed parts: 400000 mm²

Kerf: 3000 mm²

Trim: 0 mm²

Remnant candidates: 97000 mm²

Other remainder / waste: 0 mm²

Area display is rounded where marked ≈. Remnant candidates become stock only after explicit inventory commit. A valid partial plan is still incomplete.

Unplaced parts

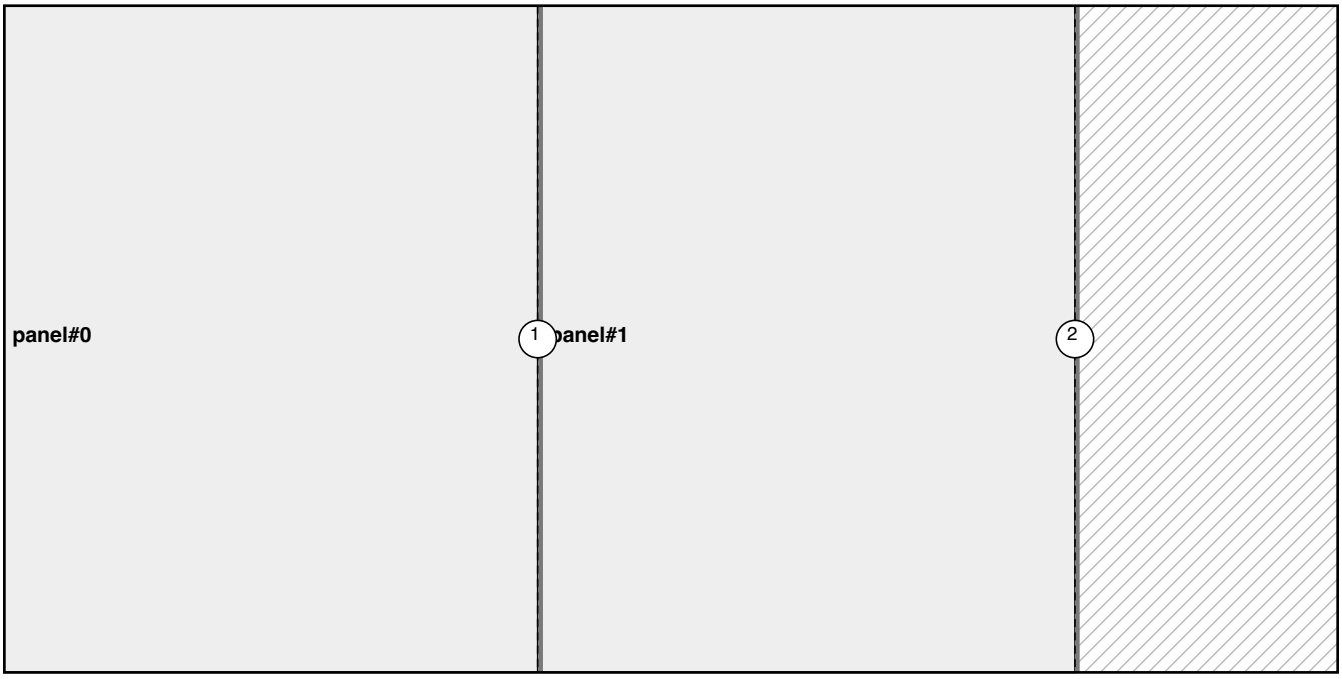
pdf-unplaced#0 — PDF smoke unplaced panel
2000 mm × 500 mm · Birch
PART_TOO_LARGE: PDF smoke demand is 2000 mm wide; source is only 1000 mm wide.

Measured Birch piece · 1000 × 500 mm

Plan sheet: shop-sheet#0
Source stock instance: shop-sheet#0
Material: Birch · 18 mm thick
Source: 1000 mm × 500 mm · Grain: Along width (X)
Usable: 1000 mm × 500 mm · origin X 0 mm, Y 0 mm

Sacrificial trim L/R/T/B: 0 mm / 0 mm / 0 mm / 0 mm. Trim is separate from internal-cut kerf.

Source: 1000 mm × 500 mm



Legend: light solid = part; diagonal hatch = remaining rectangle; dark strip = kerf; outer gray = sacrificial trim. Geometry uses an upper-left origin. Diagram is scaled, not a physical cutting template.

Source stock: 500000 mm²

Placed parts: 400000 mm²

Kerf: 3000 mm²

Trim: 0 mm²

Remnant candidates: 97000 mm²

Other remainder / waste: 0 mm²

Placed part instances

panel#0 — Illustrative panel blank
Requested: 400 mm × 500 mm; layout: 400 mm × 500 mm
Origin X 0 mm, Y 0 mm; as requested; layout grain: Along width (X)

Cut path: 1

panel#1 — Illustrative panel blank
Requested: 400 mm × 500 mm; layout: 400 mm × 500 mm
Origin X 403 mm, Y 0 mm; as requested; layout grain: Along width (X)
Cut path: 1 → 2

Proposed cut sequence

1. repeat-first-root
Region 1000 mm × 500 mm at X 0 mm, Y 0 mm
Vertical / X split 400 mm from region left; span 500 mm; kerf 3 mm

2. repeat-first-second-cut
Region 597 mm × 500 mm at X 403 mm, Y 0 mm
Vertical / X split 400 mm from region left; span 500 mm; kerf 3 mm

Proposed remaining rectangles

Candidate node repeat-first-keep: 194 mm × 500 mm at X 806 mm, Y 0 mm. Qualifying remnant candidate — not an inventory stock ID.

Placed-part labels

Plain-paper labels. Not calibrated for adhesive stock. Zero-based instance IDs match the job packet.

Illustrative panel blank

Part instance: panel#0
Source stock: shop-sheet#0
Material: Birch · 18 mm thick
Requested: 400 mm × 500 mm
Layout: 400 mm × 500 mm
Orientation: As requested
Layout grain: Along width (X)
Cut steps: 1
Plan: native-hand-repeat-first-job
Project: native-fixture-repeat-first-job

Illustrative panel blank

Part instance: panel#1
Source stock: shop-sheet#0
Material: Birch · 18 mm thick
Requested: 400 mm × 500 mm
Layout: 400 mm × 500 mm
Orientation: As requested
Layout grain: Along width (X)
Cut steps: 1 → 2
Plan: native-hand-repeat-first-job
Project: native-fixture-repeat-first-job

Committed-remnant labels for this plan

Actual available inventory rows, not proposed cut-tree nodes. Check the physical stock before attaching a label.

Committed remnant

STOCK ID: remnant-da106789ddf9cc63
Remnant · Measured Birch piece · 1000 × 500 mm
Recorded size: 194 mm × 500 mm
Material: Birch · 18 mm thick
Grain: Along width (X)
Available quantity: 1
Parent stock: shop-sheet
Plan sheet: shop-sheet#0
Source plan: native-hand-repeat-first-job
Source node: repeat-first-keep
Commit: plan-c82067bdd4ba16c7

Scaled diagrams are not physical cutting templates. This is geometric planning, not machine setup or operating advice. No optimality or material-savings guarantee. Keep the editable project backup separately.