

Furniture and joinery solutions

From the drawing to the van

Cutting plans a panel saw can actually make, wood movement in millimetres, edge tape, hardware and an offcut rack – every job costed through to the ledger.

Guillotine plans

Cuts numbered in saw order

Wood movement in mm

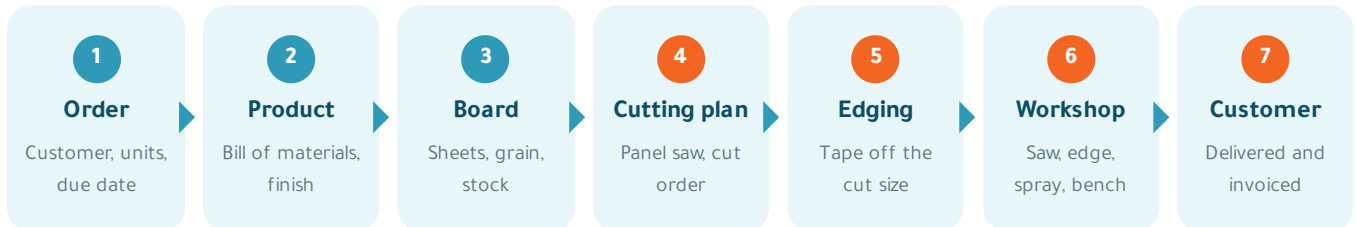
Moisture target by destination

Board bought vs used

Offcut gap reconciled

Every job, from the order book – to the finished piece

Products with their bill of materials and finish, jobs with their due dates, cutting plans for the panel saw and moisture readings for solid timber – and every step posts its own entry to the ledger.



Plans the saw can make

A panel saw cuts edge to edge, so every layout is guillotine-only – drawn to scale with the cuts numbered in the operator's order.



Wood movement in millimetres

Workshop and destination humidity set the moisture target, and the screen says how many millimetres a named part will move.



The whole job in the ledger

Board, hinges, runners, handles, edge tape and solid timber are all charged to the job – nothing is left charged to nothing.



Offcuts kept, not lost

Offcuts above your minimum size go on the rack with their size, board and source plan, ready for the next job.

8

screens in the module

4

workshop work centres

28%

fibre saturation cut-off

100%

automatic entries

Layouts the saw can cut – in the order it cuts them

A free-nesting layout is worthless on a panel saw, however good its yield. VLUERP plans only guillotine cuts and draws them the way the operator will make them.



Guillotine engine

- Every cut runs edge to edge across the board, so the engine only produces layouts a beam or panel saw can make.
- Boards drawn to scale, rips and crosscuts on the right axis, numbered in the order the operator cuts them.
- Trim and saw kerf allowed for on every cut, with the **yield** and **board cost** shown for each plan.
- Offcuts above your minimum size go to the rack with their size, board and the plan they came from.



Edge tape and parts

- Edge tape is taken off the cut size: a door banded all round in 2 mm is cut **711 x 593** to finish **715 x 597**.
- Tape metres are counted per piece, so a part made ten times is never counted twice.
- Cutting lists in clean millimetres – 720, not 720.0.
- Boards held with length, width, thickness, grain, price per sheet and per m², stock and value.



Checked cut by cut against the drawing

In testing on a sample kitchen job, the plan was checked by hand: a **10 mm** trim, the first door at x = 10 and **711 mm** long, the first rip at **721**, and the next column at **725.4** with the **4.4 mm** kerf – exact.

Offcut rack

Every offcut with its size, board, source plan and location – use it on a job or scrap it.

Board stock and value

Sheets in stock, area and value per board type, kept on the materials screen.

Yield on the dashboard

Board yield and what went into the skip, across recent cutting plans and jobs.

Wood moves, board does not – and the job adds up

Moisture readings for every piece of solid timber, and a job cost that reconciles what the quote assumed with what left the rack.



Wood and water

- Workshop and destination humidity give the moisture the wood settles at: **8.45%** at 45% RH, **11.00%** at 60% RH.
- Movement in millimetres on a named part: a **1250 mm** flat-sawn oak top swells **13.7 mm** between the two; quarter-sawn, half.
- Above fibre saturation (28%) nothing moves – and a job whose solid timber has not been metered cannot be released.



Job cost and ledger

- Board, hinges, runners, handles, edge tape and solid timber all go into the manufacturing order as components.
- Labour is charged at the job's own work centre – saw, edge, spray or bench – never another trade's machine.
- The job screen reconciles board by the area its parts use (the quote) with whole sheets charged (what left the rack).

Two right totals – a worked kitchen job

Line	What it is	SAR
Job cost	Board valued by the area its parts use – the quote basis	3,315.76
Offcut	The rest of the whole sheets that left the rack	191.74
Overhead on offcut	Overhead carried on that extra board	34.51
Ledger	Whole sheets charged, as posted	3,542.01
Of which non-board	Hinges, runners, handles, tape and solid timber	1,102

Both totals are right. The job screen shows the gap between them, so nobody has to find it at the month end.

Every screen in the module – and what is on it

Read off the running application – the panels, columns and figures that are actually there.

8 **66**
screens functions

01 Dashboard

Jobs Late Units
Board yield Into the skip
Board stock Offcut rack
Recent cutting plans Latest jobs

02 Products

New product Code Route
Size mm Bill of materials
Finish Works cost Price

03 Order book

New job Customer Route
Ordered Due Units
Quoted State Open the job

04 Cutting plans

Board Job Boards Parts
Cuts Yield Panel saw
Board cost State

05 Materials

New board Kind
L x W x T mm Area Grain
Price a sheet Per m² In stock
Value

06 Wood & water

Will it move Readings taken
Relative humidity Wood settles at
The swing Fibre saturation
Warn above Target Gap

07 Offcut rack

Size mm Area Value
Kept above Board From plan
Where it is Use Scrap

08 Settings

The works
What that means today Ledger
Create furniture accounts

Not a separate program – a complete business system

The trade module sits on top of a complete ERP: everything it does lands directly in the accounts, the stores and the reports – no double entry.



Accounting

Editable chart of accounts, automatic entries from every transaction, VAT and financial statements.



Financial dimensions

Cost centres, departments, business lines and sites – with statements per factory.



Inventory

Warehouses and bins, batches and serials, moving average, FIFO or standard cost.



Purchasing & sales

RFQs, purchase orders and receipts, quotations, invoices and ageing.



Maintenance & assets

Equipment register, preventive maintenance, work orders and depreciation.



Access & language

Roles and rights per module, audit trail, full Arabic and English interface.

Rules built into the module

Guillotine

Edge-to-edge cuts only, in cut order

Kerf + trim

Allowed for on every cut

EMC

Moisture target from humidity

FSP 28%

No movement above fibre saturation

Edge tape

Deducted from the cut size

These are the rules the module calculates with. Humidity, kerf, trim and minimum offcut size are set by your works.

Cut a real job **with us**

Book a session and we'll set the module up with your own boards and one of your products, then walk through a job from the order to the ledger.

Request a demo

Website

www.vluerp.com

Demo request

www.vluerp.com/#demo

Email

hello@vluerp.com

- 1 Cutting plan:** the boards drawn to scale, cuts numbered in the order the saw makes them.
- 2 Wood & water:** the moisture target for a destination, and the millimetres a top will move.
- 3 Job cost:** board by area against whole sheets, with the offcut gap shown.
- 4 Offcut rack:** what is on the rack, where it is, and what it is worth.

Switched on from Add-ons with a free seven-day trial, and it runs on the same general ledger.