USER GUIDE · PATTERN EDIT

Pattern Edit — User Guide

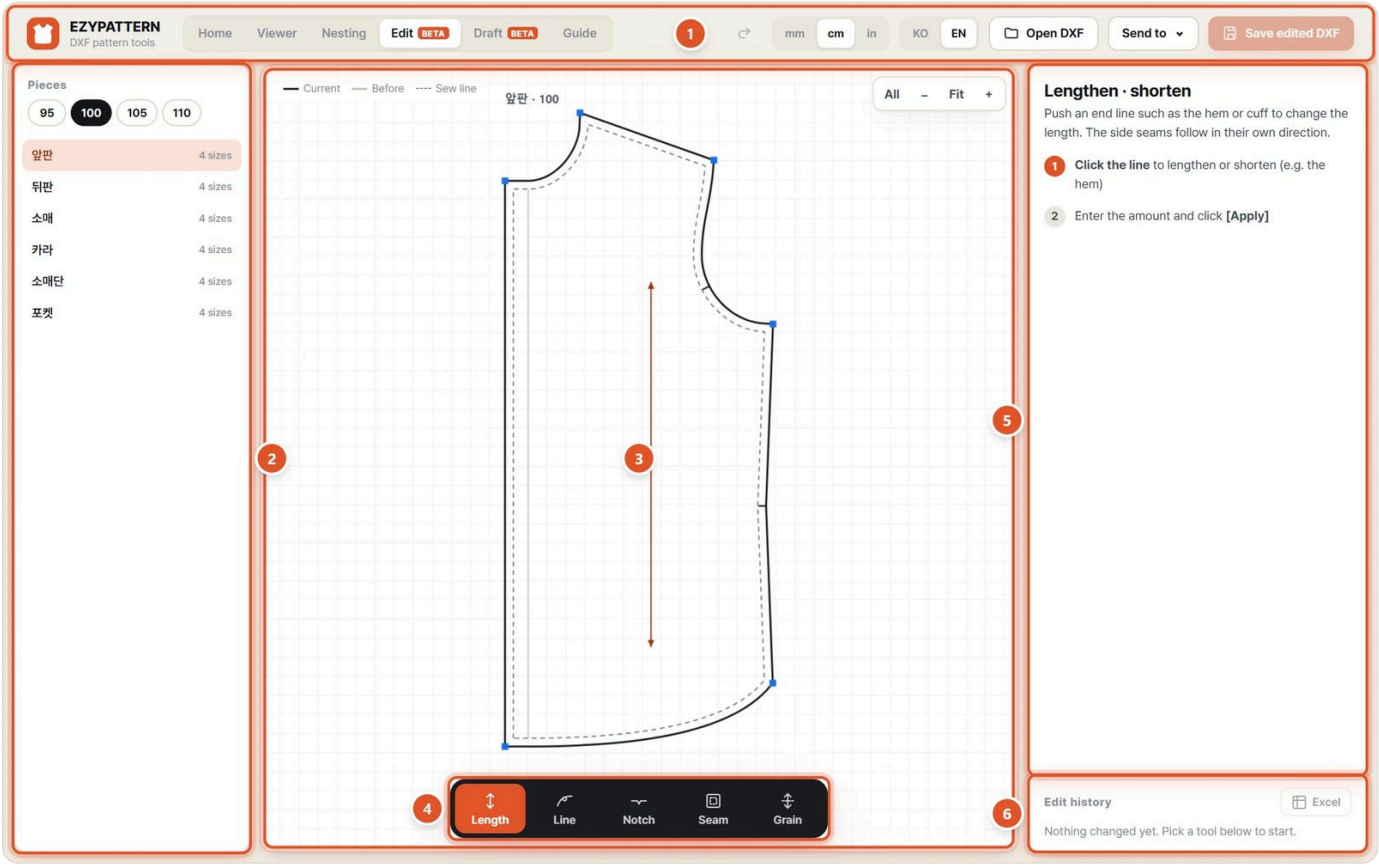
A free web tool (BETA) that opens a DXF pattern so you can fix hem and sleeve length, line shape, notch position, seam allowance and grain direction, then save an edited DXF. Your original file stays untouched, and one edit can be applied to every size at once.

Before you start

- A DXF file exported from your pattern CAD (AAMA/ASTM format works best). To practise, use **Try the practice shirt pattern** on the start screen.
- A PC with an up-to-date browser such as Chrome or Edge. The tool is laid out for wide screens (900 px or more); on a phone the Save button may be cut off.
- Know what you want to change — which piece, where, and by how much. A DXF that includes notches and a sew line (dashed) lets the tool move them along with your edit.

01 Screen layout

This is the screen after a DXF is open. There are six areas to know.

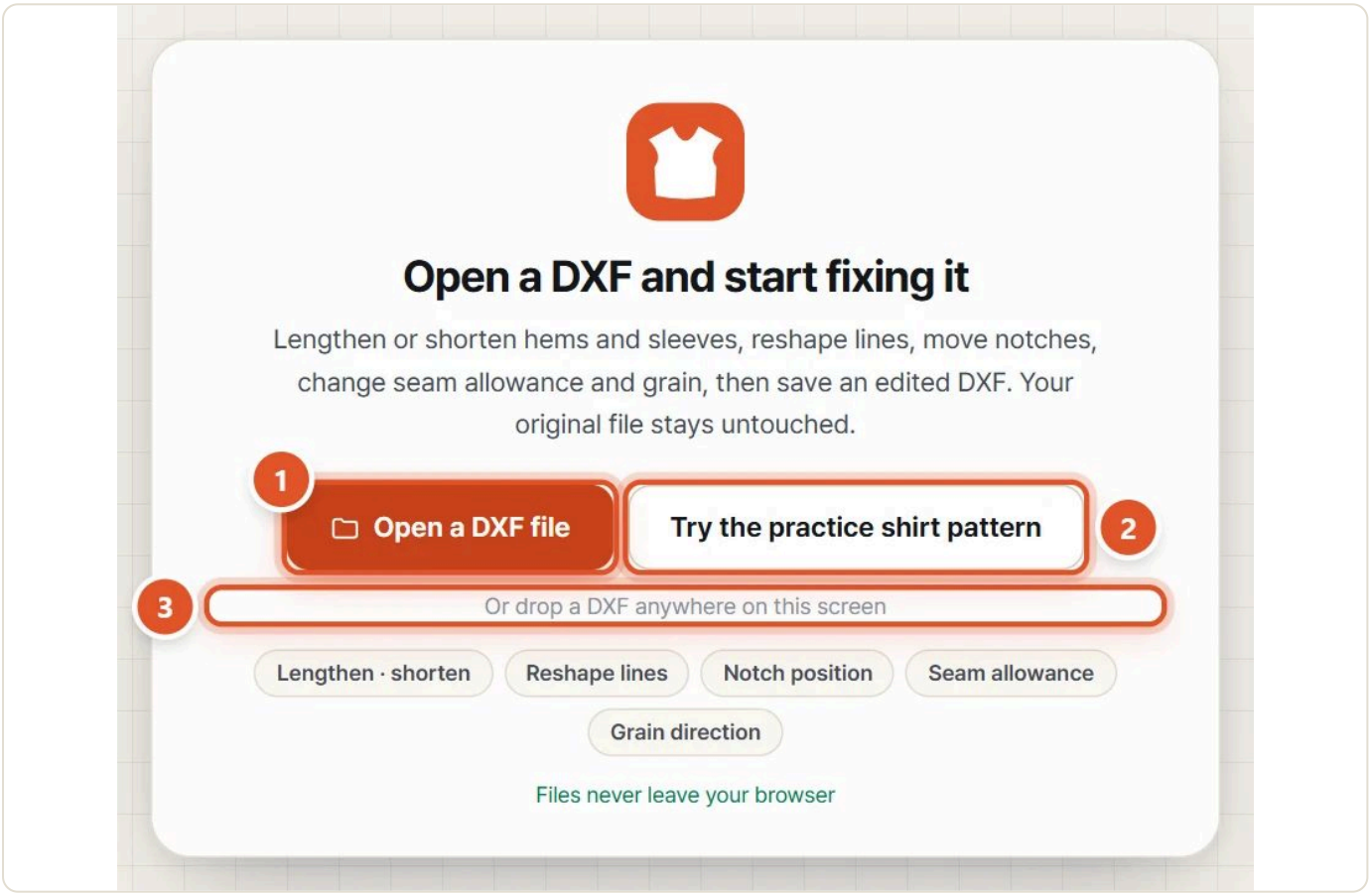


Pattern Edit with a shirt DXF open (Front · size 100)

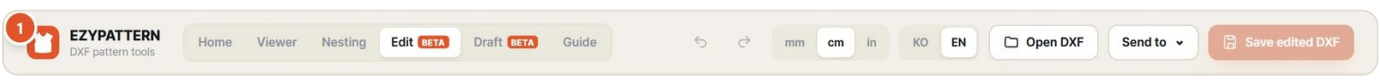
1. **Top bar** — `Undo` and `Redo`, length units (mm · cm · in), the `KO` · `EN` switch, `Open DXF`, the `Open in` menu and `Save edited DXF`.
2. `Pieces` — the size chips (95 · 100 …) and the piece list. Pick the piece and size to edit here.
3. **Drawing** — the large area in the middle. The black line is the **current** line, the pale grey one is **before**, and the dashed line is the **sew line**. Click the spot to fix right on the drawing.
4. **Tool bar** — `Length` · `Line` · `Notch` · `Seam` · `Grain` below the drawing. Pick one and the right panel switches to it.
5. **Work panel** — top right. It tells you what to do in steps 1 → 2, then you enter the amount and click `Apply`.
6. **Edit history** — bottom right. Every edit you apply is listed line by line.

02 Open a DXF file

Load your pattern file. It is processed inside your browser only and is never uploaded.



Start screen — open a file, try the practice pattern, or drag and drop



The open file name

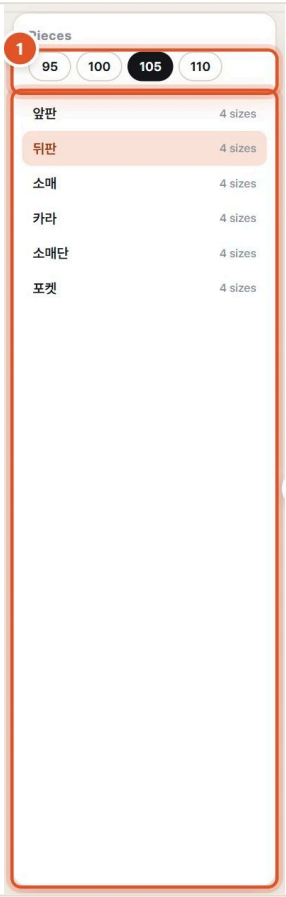
1. On the start screen click `Open a DXF file` and choose your DXF. The `Open DXF` button at the top works too.
2. Or drag the DXF file and drop it anywhere on this screen.

3. To practise first, click **Try the practice shirt pattern**. The pictures in this guide use the same shirt.
4. Once it opens, the file name appears at the top (e.g. ezypattern-sample-shirt · 24 pieces) and the first piece is shown on the drawing.

> **Tip** Pattern Edit never changes your original file. At the end, **Save edited DXF** downloads a new file with _edited added to the name.

03 Choose a piece and size

You edit one piece in one size at a time, shown large on the drawing.



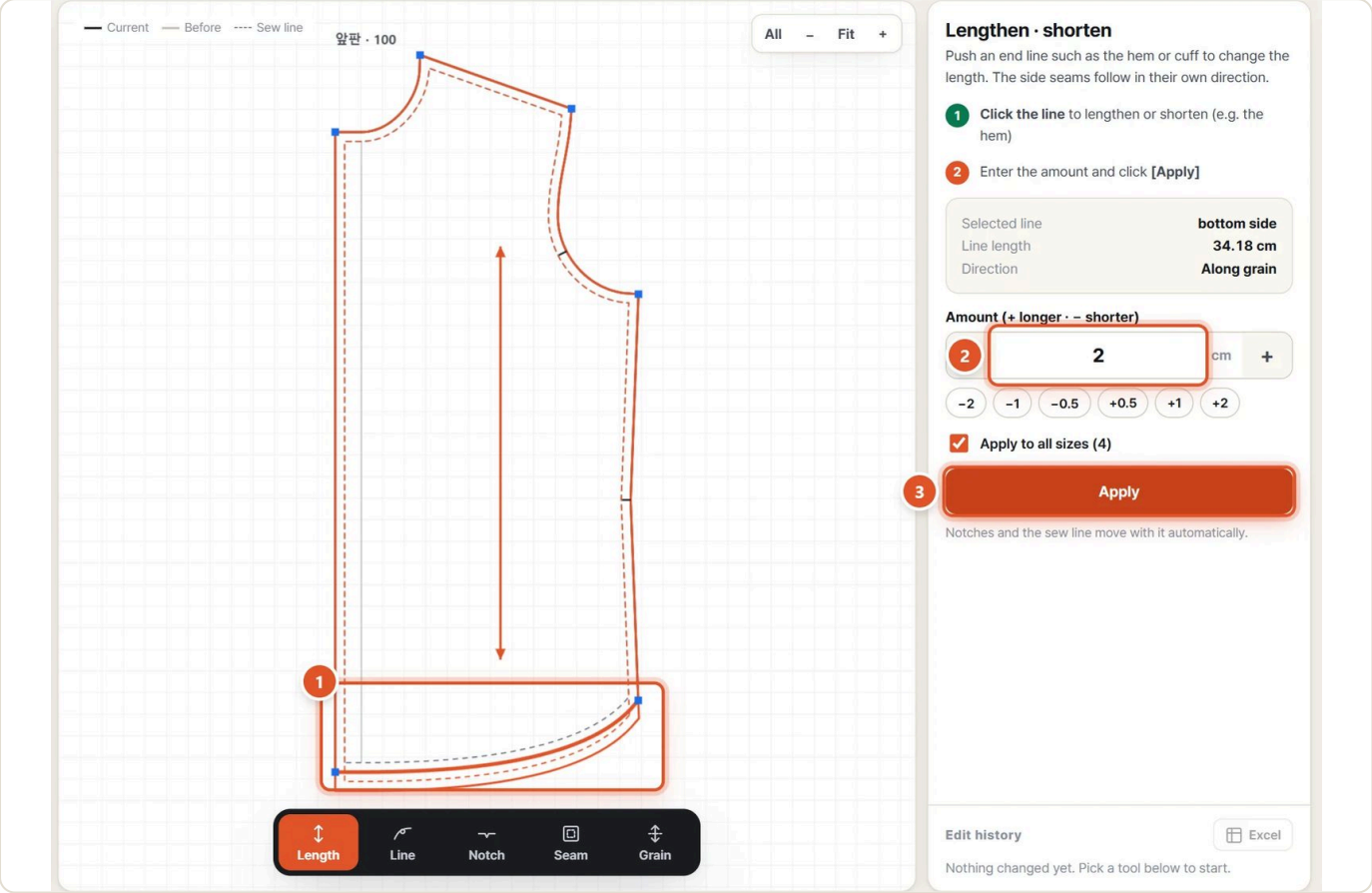
Size chips (105) and the piece list (Back selected)

1. Pick a size from the chips at the top left (95 · 100 · 105 · 110).
2. Click a piece name in the list (Front · Back · Sleeve …). The drawing switches to that piece.
3. **All** at the top right of the drawing shows every piece together; click another piece to edit it. **Fit** and **−** **+** zoom in and out.
4. Right-click a piece in the list for **Rename** (F2), **Zoom to this piece**, **Show this piece only** and **Reset this piece**.

> **Tip** A new name is written into the PIECE NAME of the DXF when you save.

04 Lengthen or shorten

Push an end line such as the hem or cuff to change the length. The side seams follow in their own direction.



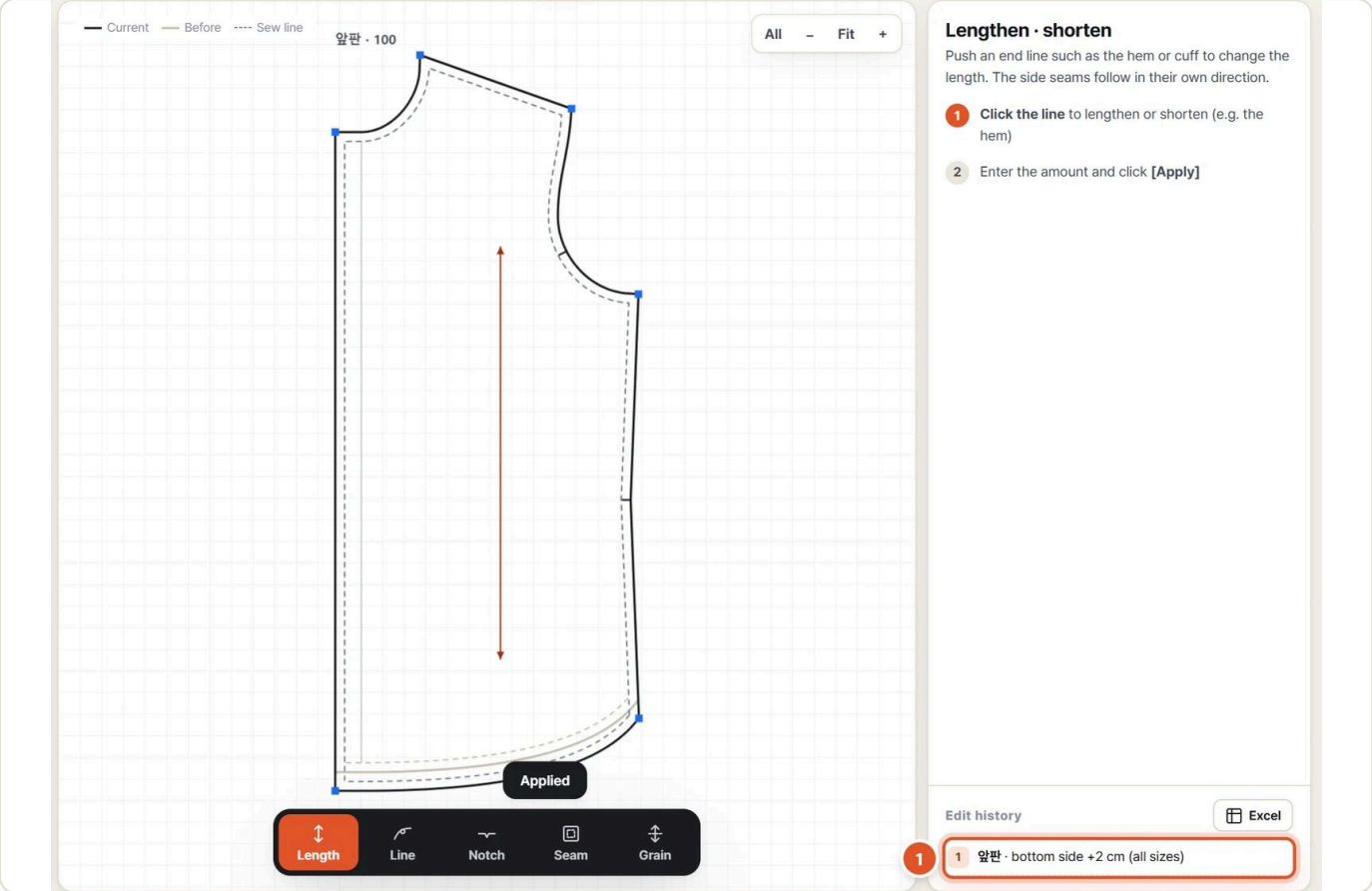
Front hem clicked and +2 cm entered — the orange line shows the new shape

1. Choose **Length** on the tool bar.
2. **Click the line** on the drawing that you want to lengthen or shorten (e.g. the hem). It turns orange and the panel shows its name, length and push direction.
3. Type a number in the **Amount** box or use **−2** **−1** **−0.5** **+0.5** **+1** **+2**. + lengthens, − shortens. The new shape is previewed on the drawing.
4. While **Apply to all sizes** is on, the same edit is applied to every size. Turn it off to change this size only.
5. Click **Apply**. Notches and the sew line (dashed) move along automatically.

> **Tip** The old shape stays as a pale grey line, so you can see right away how much changed.

05 Edit history and undo

Every edit you apply is recorded, and you can undo it at any time.

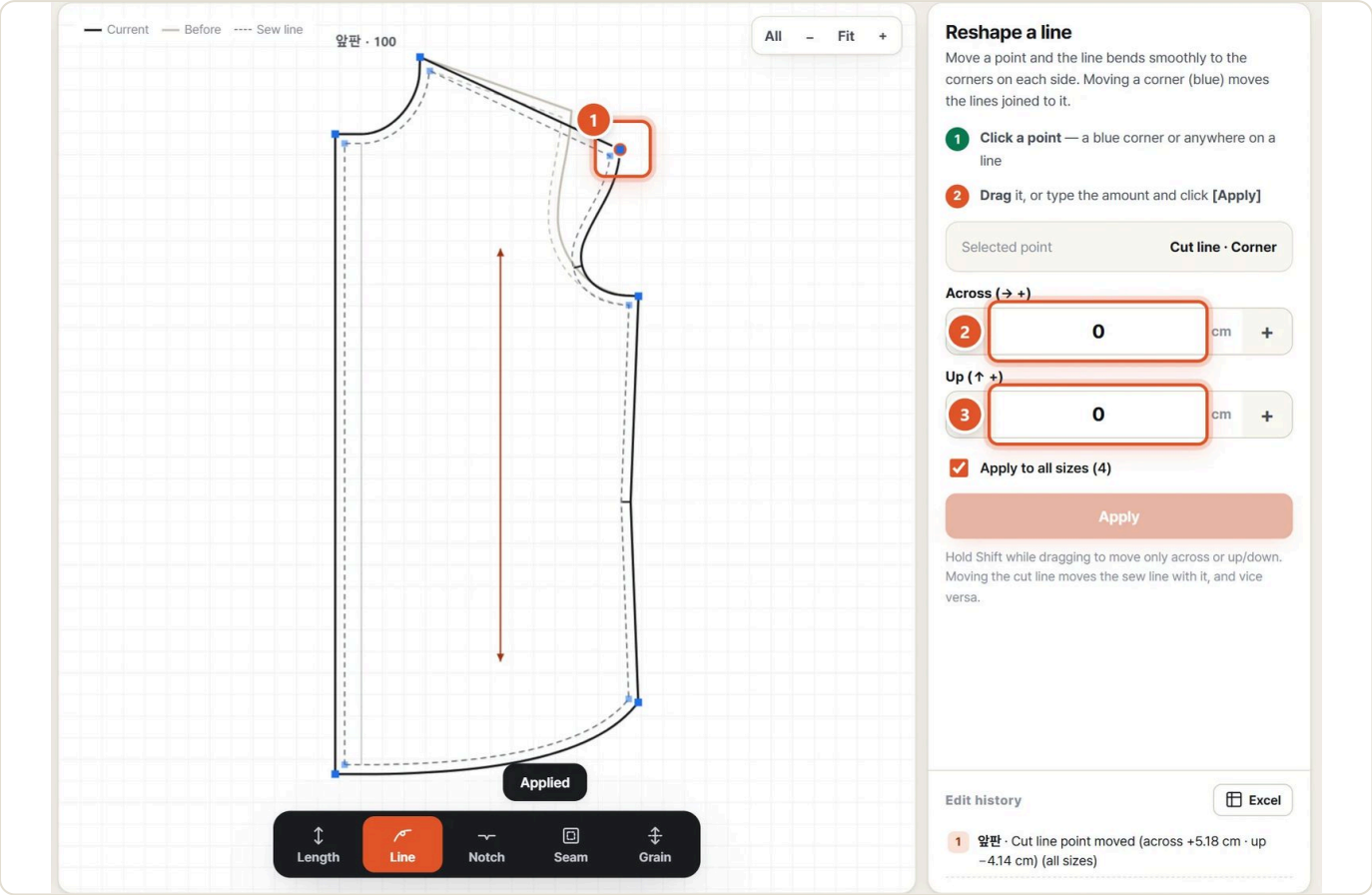


After applying — a line appears in the history and Undo at the top turns on

1. After **Apply**, a line such as "Front · bottom side +2 cm (all sizes)" is added to **Edit history** at the bottom right.
2. **Undo** (`Ctrl` + `Z`) and **Redo** (`Ctrl` + `Y`) at the top step back and forward one edit at a time.
3. To reset one whole piece, right-click it in the list → **Reset this piece**.
4. **Excel** downloads the history (No. · Piece · Size · Change) as an Excel file — handy for a work order.
5. If an edit could not be applied to some sizes, the history says which ones were left out (e.g. "— size 95 not changed").

06 Reshape a line

Move a point and the line bends smoothly to the corners on each side. Moving a corner (blue) moves the lines joined to it.



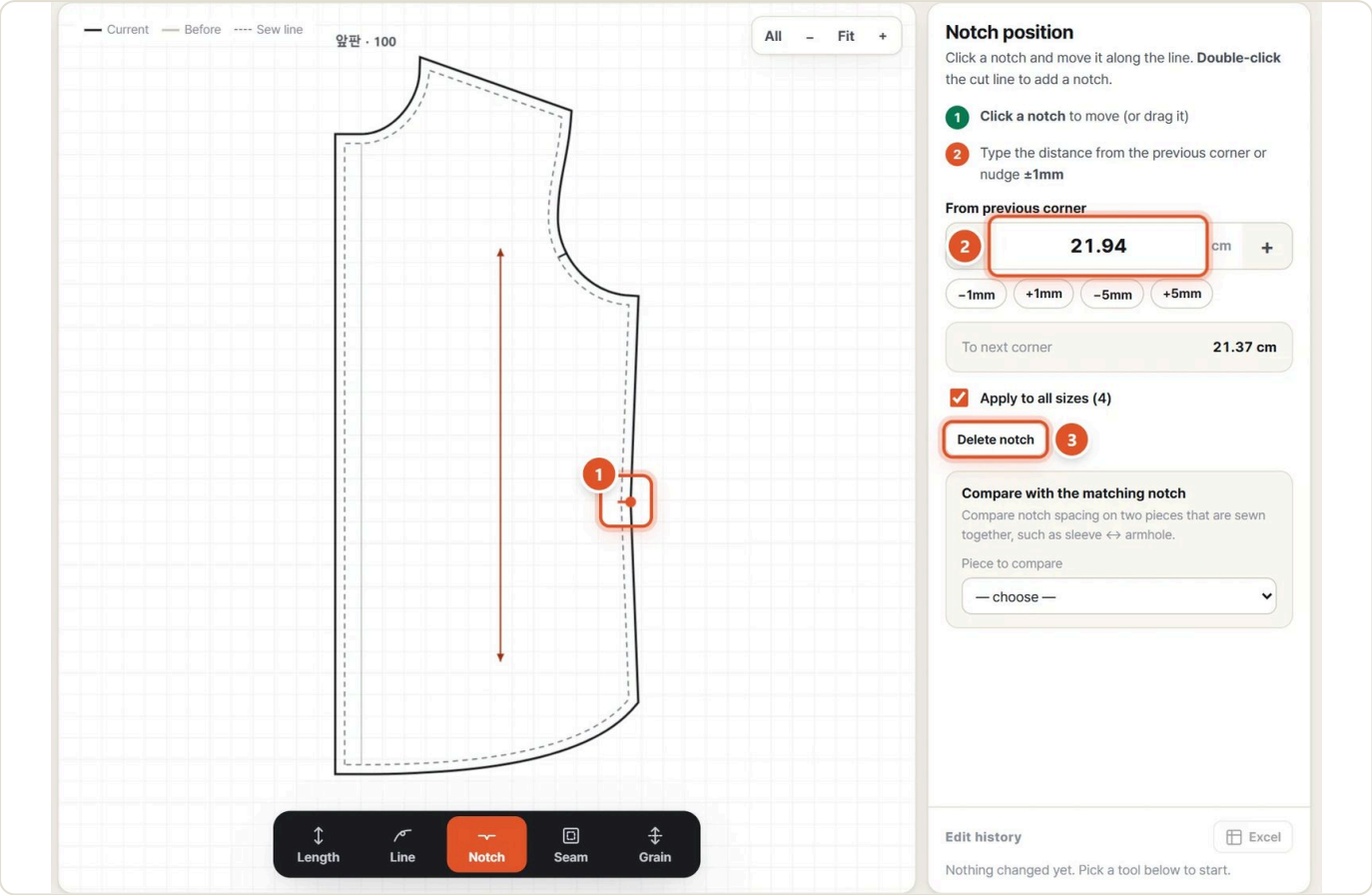
The front shoulder corner (1) dragged — the across (2) and up (3) amounts are logged in the history

1. Choose **Line** on the tool bar.
2. **Click the point** to move — a blue corner or anywhere on a line.
3. **Drag** it on the drawing. Hold `Shift` to move only across or up/down. Releasing the mouse applies it right away.
4. For exact amounts, type cm into **Across** and **Up** on the right and click **Apply**. Across → is +, up ↑ is +.

> **Tip** Moving the cut line moves the sew line with it, and vice versa. The pale grey line is the shape before editing.

07 Notch position

Move notches along the line, add new ones, or delete them.



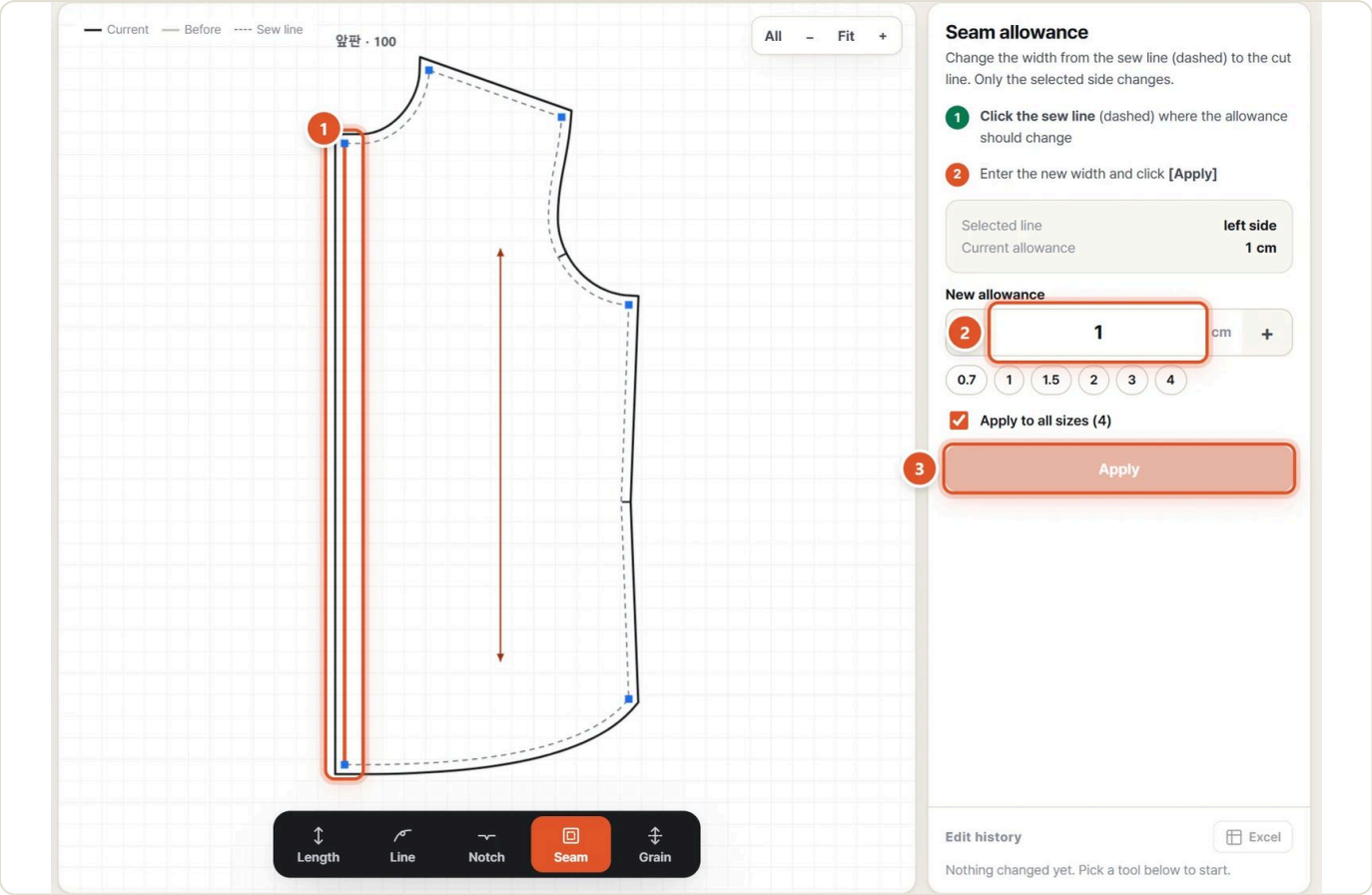
A side-seam notch (1) selected — distance from the previous corner (2) and **Delete notch** (3)

1. Choose **Notch** on the tool bar.
2. **Click the notch** to move. You can also drag it.
3. Type the distance (cm) in **From previous corner** or nudge with **−1mm** **+1mm** **−5mm** **+5mm**, then **Apply**. **To next corner** is shown below.
4. **Double-click** the cut line to add a notch. To delete one, select it and click **Delete notch** or press `Delete`.

> **Tip** For two pieces that are sewn together, such as sleeve ↔ armhole, choose the piece under **Compare with the matching notch** and click the matching notch on the piece shown on the right — the **Difference** in spacing appears as a number, and **Match this notch to it** aligns them.

08 Seam allowance

Change the width from the sew line (dashed) to the cut line. Only the selected side changes.



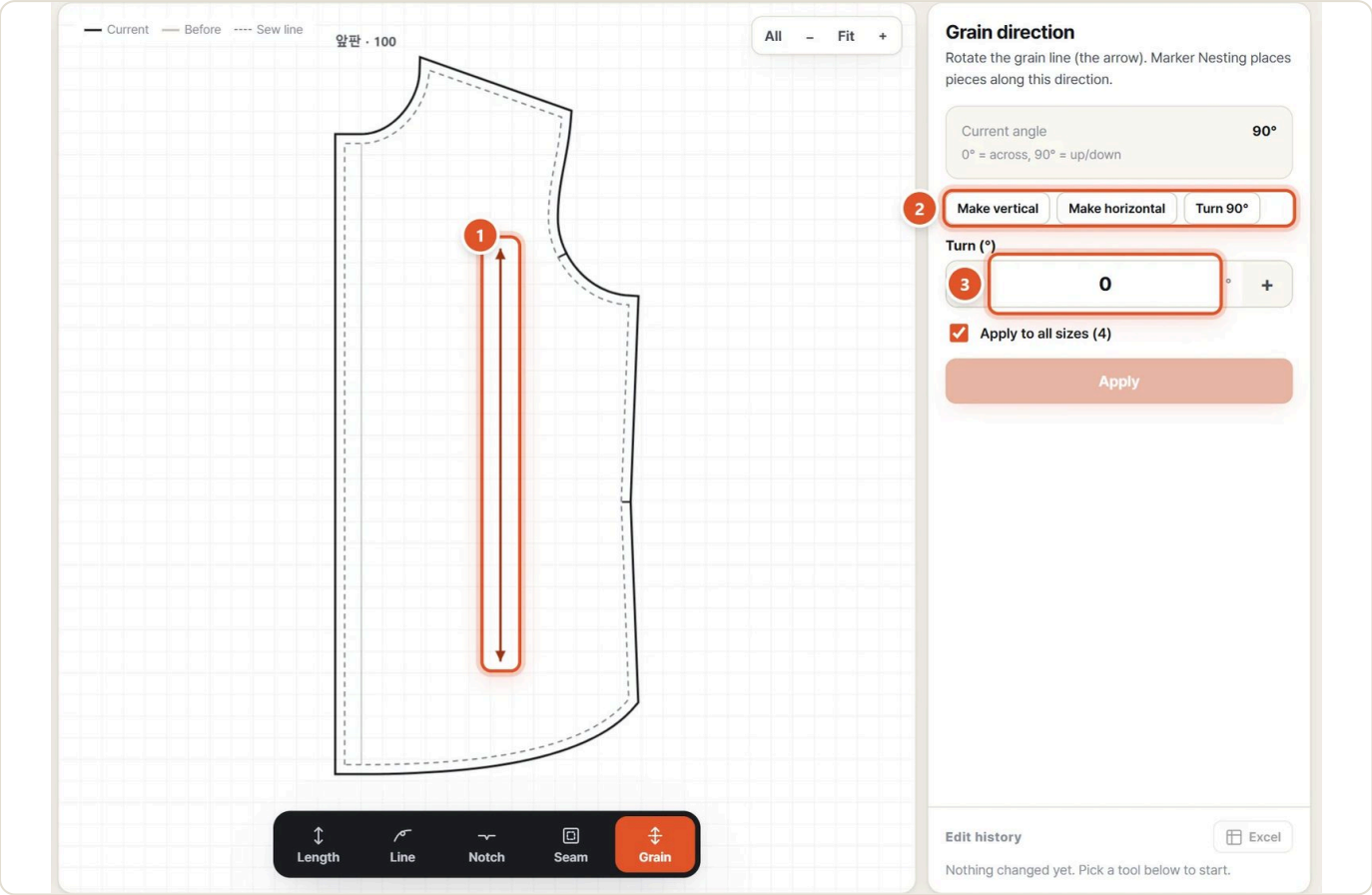
The centre-front sew line (1) selected — enter the new allowance (2), then apply (3)

1. Choose **Seam** on the tool bar.
2. **Click the sew line** (dashed) where the allowance should change. It turns orange and the **Current allowance** is shown.
3. Type the width (cm) in **New allowance** or click one of the 0.7 · 1 · 1.5 · 2 · 3 · 4 chips. The new cut line is previewed on the drawing.
4. Click **Apply**.

> **Note** If the line would cross itself or that width cannot be reached, the tool says the width cannot be applied and changes nothing — try another width. For patterns whose sew line is drawn in pieces, change one **sew-line segment** at a time.

09 Grain direction

Rotate the grain line (the arrow). Marker Nesting places pieces along this direction.



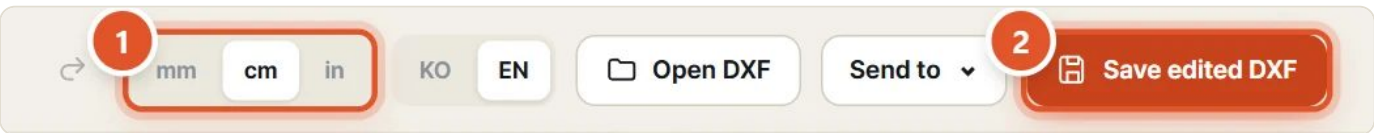
The grain line (1), the direction buttons (2) and the angle box (3)

1. Choose **Grain** on the tool bar. The current angle is shown (0° = across, 90° = up/down).
2. Click **Make vertical**, **Make horizontal** or **Turn 90°**, or type an angle in **Turn (°)**.
3. Click **Apply**. The grain arrow turns to the new direction.

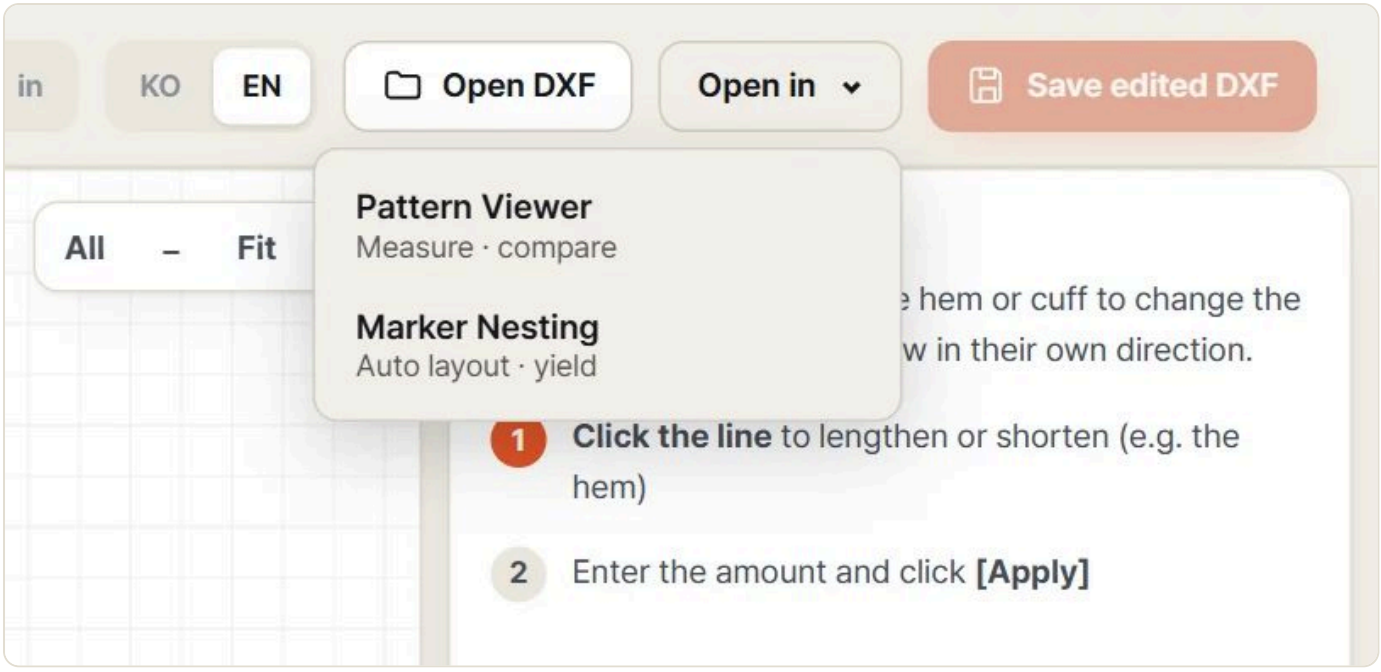
> **Tip** A grain line drawn in several segments turns as one, all at the same angle. A piece without a grain line shows "This piece has no grain line."

10 Save and open in other tools

Save the edited pattern as a DXF, or open it straight in another tool without saving.



Top bar — the length unit (1) and **Save edited DXF** (2)



The **Open in** menu

1. Click **Save edited DXF** (`Ctrl` + `S`) at the top right. The button is greyed out until something is changed.
2. Only the pieces you edited change; untouched pieces are saved as they were. _edited is added to the file name.
3. Switch the unit used for numbers with **mm** · **cm** · **in** at the top. Input boxes, buttons and the edit history all follow it.
4. **Open in** ▾ opens the pattern right away in **Pattern Viewer** (measure · compare) or **Marker Nesting** (auto-nest · yardage) in the same tab. The file is held only inside your browser for a moment and is never sent to a server.

> **Note** If you leave or close the page with unsaved edits, you are asked "You have unsaved edits. Leave anyway?"

11 Keyboard shortcuts

`Ctrl` + `Z`	Undo
`Ctrl` + `Y`	Redo (`Ctrl` + `Shift` + `Z` also works)
`Ctrl` + `S`	Save edited DXF
`F2`	Rename the current piece
`Enter`	**Apply** from a number box
`Shift`	While dragging with the **Line** tool, move only across or up/down
`Delete`	Delete the selected notch with the **Notch** tool

Esc	Clear the selection · close a menu

12 FAQ

Q. Is my file uploaded to a server?

No. Reading, editing and saving the DXF all happen inside this browser.

Q. Does it change my original file?

No. **Save edited DXF** downloads a new file with _edited added to the name. The original is untouched.

Q. I want to edit only one size.

Turn off **Apply to all sizes** in the work panel and click **Apply**. Only the size shown on the drawing changes.

Q. It says "the same spot was not found".

When applying to all sizes, some sizes do not have the same line, point or notch, so those sizes were left as they are. The history shows which ones. Pick those sizes and edit them separately.

Q. It says the line "would cross itself or the width could not be reached".

When the new value would make the cut line cross itself, or the allowance cannot be built, the tool stops safely. Try a smaller change or another width.

Q. Can I use it on a phone?

It is laid out for a PC screen. Below 900 px wide a notice appears; you can continue, but buttons such as Save may be cut off.