Litchi solutions

FRAMER COMPONENT · USER GUIDE

Sumline.

A calculator you build in the properties panel, with results from your own formulas.

VERSION	UPDATED	LIVE PREVIEW
1.0	2026-11-03	sumline.framer.website

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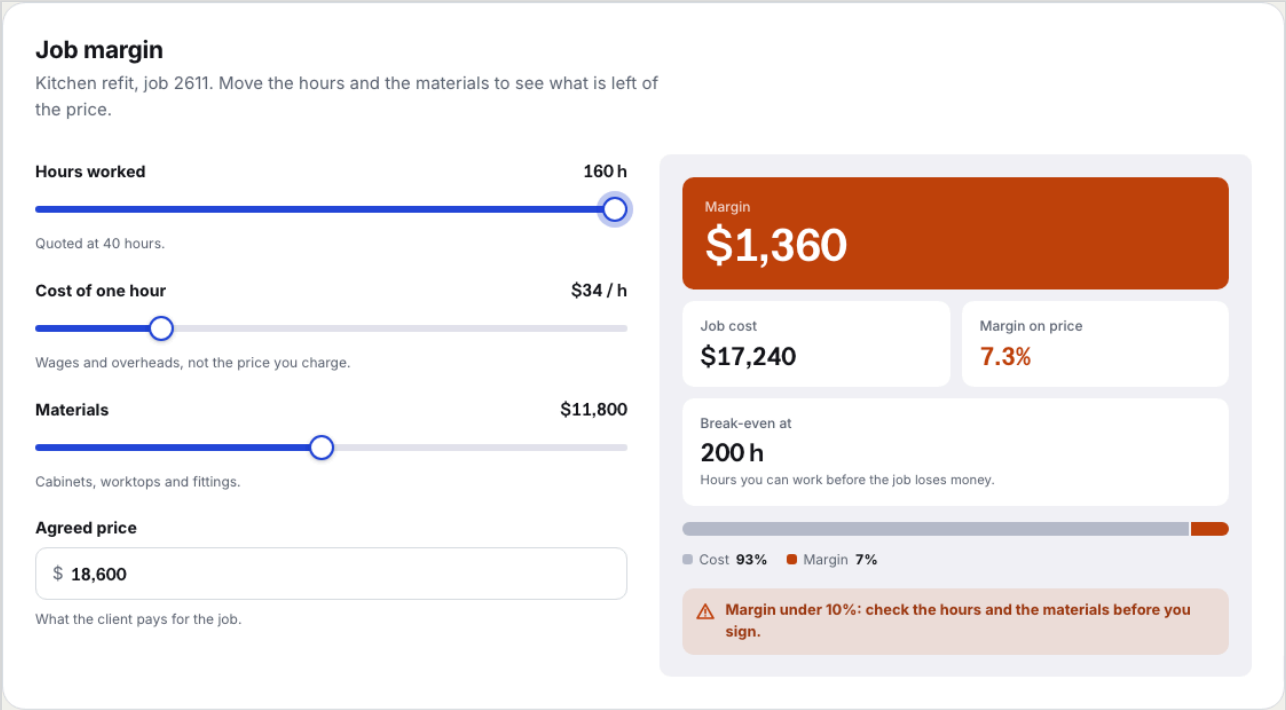
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01

What it does.

Sumline turns the properties panel into a calculator builder. You list the inputs — sliders, number fields, switches, dropdowns, option buttons or fixed values — and give each one a short key. Then you write the results as formulas that use those keys: `hours * rate + materials`. Sumline does the maths, formats money, percentages and durations for any locale, and updates as visitors move a slider.



The demo calculator at 1440 px: 160 hours push the margin under 10%, so the margin, its share and its part of the bar turn orange and an alert appears. Demo figures are examples.

- Inputs and results are lists you edit in the panel: no code, no fixed number of fields.
- Formulas are read by a small parser built into the component; nothing runs as code. Mistakes are explained in plain words.
- A bar can split a total into parts, and alerts can change colour when a result crosses a value.
- An optional button carries the numbers to another page, a booking link or an email.
- The served page already shows the results of the default values, before any script runs. No dependencies beyond Framer.

02

Install.

1. After payment, the confirmation page shows your component link. Copy it and keep it safe: it appears only on that page, not in the email receipt.
2. Open your Framer project and click the canvas.
3. Paste with Cmd+V (Ctrl+V on Windows). Sumline appears on the canvas, with its properties in the panel on the right.
4. It starts as a job margin calculator. Change the **Inputs** and the **Results** to make it yours.

> TIP
>
> To add another Sumline, paste the link again or duplicate the layer. Every copy keeps its own settings.

03

Size and layout.

Sumline starts at 960 px wide with an automatic height. Give it a fixed width or **Fill**, and leave the height on **Auto**: the calculator grows with the inputs and results you add.

With **Layout** on **Auto**, the results sit beside the inputs when the component is at least 640 px wide, and under them below that. The switch follows the width of the component, not of the window, so a narrow card in a wide page stacks too. **Columns** and **Stacked** force one arrangement.

04

Inputs.

Each input has a **Key** — the name your formulas use — and a **Type**:

TYPE	WHAT VISITORS SEE	VALUE IN FORMULAS
Slider	A range slider with the value beside its label.	the number
Number	A text field that accepts 18,600 or 18600.	the number
Switch	An on/off switch.	1 on, 0 off
Dropdown	A list of options.	the value of the option
Buttons	The same options as buttons in a row.	the value of the option
Fixed	A value shown as a line of text, not editable.	the number

Keys start with a letter and use only letters, digits and `_`: `hours`, `pricePerKwh`, `rate_2`. If you leave a key empty, Sumline makes one from the label.

Options for Dropdown and Buttons go one per line as `Label = value`, for example `Growth, from $4,800 = 4800`. Give each option its own value. **Min**, **Max** and **Step** limit sliders and number fields; the number of decimals shown follows the step (a step of 0.5 shows one decimal). **Format** shows a value as a plain number or in the currency of the component. **Prefix** and **Suffix** add text such as `" h"` or `" kW"`; **Spoken Unit** is what screen readers say after a slider's value, such as "hours".

05

Results and formulas.

Each result has a **Label**, a **Formula**, a **Format** and, if you want, a **Key** so later results, the bar and alerts can use it. Results are worked out from top to bottom: a formula can use every input and the results above it.

FORMAT	SHOWS	EXAMPLE
Currency	Money in the Locale and Currency of the component.	$5,304

FORMAT	SHOWS	EXAMPLE
Percent	The number as a percentage: 25 shows 25%.	28.5%
Number	A number with optional prefix and suffix.	8,059 kWh
Duration	Two units, from the Unit you count in.	6 years 8 months

Highlight makes a result the big card at the top. **Show** off keeps a result hidden: use it for helper values, such as a subtotal other formulas need. **Decimals** sets the digits after the point; a **Note** writes a small line under the value.

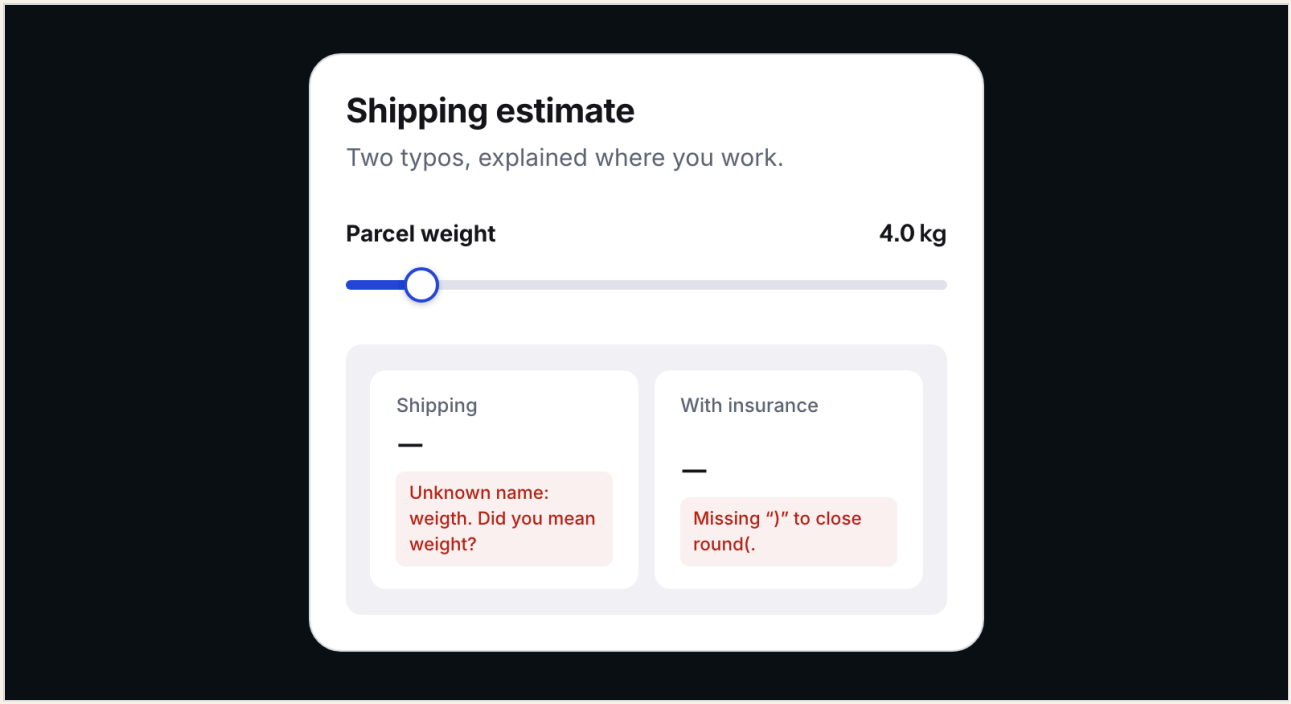
Formula reference

WRITE	MEANS
`+ − * / ^ ( )`	Arithmetic: `^` first, then `*` and `/`, then `+` and `−`. `2 ^ 3 ^ 2` is 512.
`< <= > >= == !=`	Comparisons: 1 when true, 0 when false. A single `=` works as `==`.
`and or not`	Combine conditions: `rush and pages > 10`.
`if(cond, a, b)`	`a` when the condition is true, `b` otherwise.
`min(a, b, …)`	The smallest value; `max(a, b, …)` the largest.
`round(x, d)`	Rounds half away from zero to `d` decimals; `round(x)` to a whole number.
`floor(x)`	Rounds down; `ceil(x)` up; `abs(x)` drops the sign; `sqrt(x)` square root.
`clamp(x, lo, hi)`	Keeps `x` between two limits.

The signs `&&`, `||` and `!` work as and, or and not. Use a dot for decimals (`1.5`) and plain numbers without currency signs. `×`, `÷` and `−` typed from a keyboard work too. For a percentage, divide by 100: `price * 22 / 100`.

When a formula is wrong

On the Framer canvas, a result with a mistake shows a dash and a sentence that says what is wrong and where.



Errors set to Everywhere: two typos explained on the published page.

YOU WROTE	SUMLINE SAYS
`hourz * 2`	Unknown name: hourz. Did you mean hours?
`round(ship * 1.02, 2`	Missing ")" to close round(.
`price * 1,5`	Unexpected "," at position 10. Use a dot for decimals (1.5)…
`15% * price`	"%" is not an operator: divide by 100 instead (15% is 15 / 100).
`total * 2` **above total**	"total" comes later in the list: a result can only use the inputs and the results above it.
`10 / days` **with days at 0**	Division by zero: the result is not defined for these values.

Visitors see only the dash. Set **Errors** to **Everywhere** if you want the sentence on the published page too, for example while you test a draft.

06

Bar and alerts.

The **Bar** splits a total into parts. In **Bar Parts**, list the keys to show (results or inputs) with a label and a colour. **Bar Total** is a key or a formula, such as `price` or

`savings * 25`; leave it empty to use the sum of the parts. Negative parts count as zero, and parts larger than the total make the bar fill completely. The **Legend** shows each part's share.

An **Alert** watches one key and shows a message when its value is **Below** or **Above** a number. The message can include `{value}`, which prints the value in its own format: `Margin is only {value}.` The alert's **Color** paints the message, the watched result and its part of the bar; **Also Color** adds more keys, comma separated. With **Show Alerts** on **First match**, only the first alert that fires is shown, so put the most serious first; **All** shows every alert that fires.

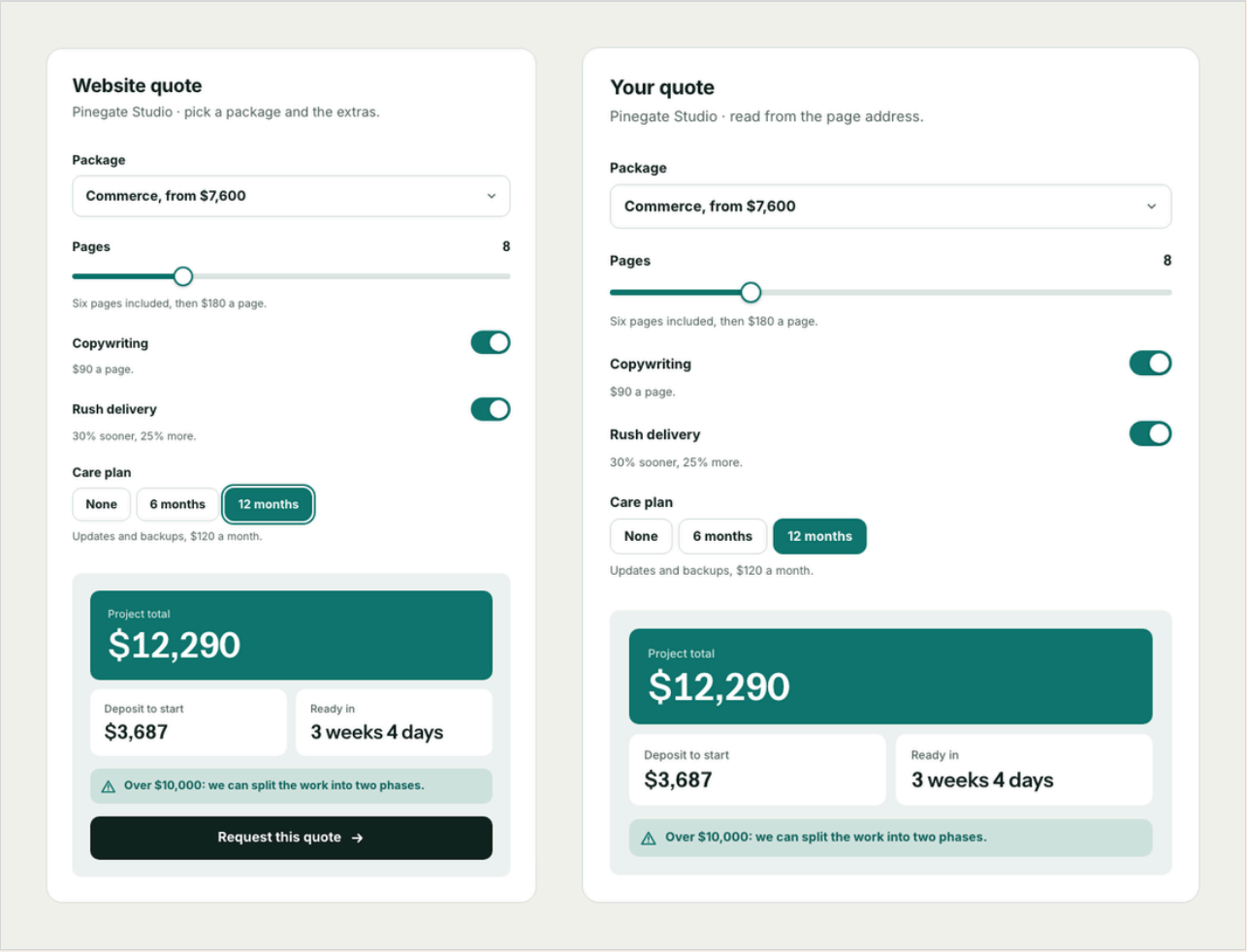
07

Action button and Read URL.

Turn on **Action › Show** to add a button under the results. **Link** can be a page of your site, any address (a booking page, a form) or a `mailto:` address. **Values** decides what travels with it:

- **None**: the link as it is.
- **Inputs**: each input as `?key=value`, for example `/quote?plan=7600&pages=8&copy=1`.
- **Inputs + Results**: the visible results too.

With `mailto:`, the values are written into the body of the email, one per line, as `Label: value`. Links that start with `javascript:` or `data:` are ignored.



Left: choices made on the home page. Right: the /quote page, where a second Sumline with Read URL starts from the same values.

Read URL makes a Sumline fill its inputs from the page address. Put one on the page the button links to, with the same keys, and visitors arrive with their numbers already in place. Values outside Min and Max are brought inside; options that don't exist are ignored.

08

Properties.

Content

PROPERTY	WHAT IT DOES	DEFAULT
Title	Heading above the calculator. Empty: no heading.	Job margin
Intro	A line under the title.	text

PROPERTY	WHAT IT DOES	DEFAULT
Title Tag	h2, h3, h4 or p, for the page outline.	h3
Inputs	The list of inputs (see Inputs).	4 inputs
Results	The list of results (see Results and formulas).	4 results

Bar, alerts and action

PROPERTY	WHAT IT DOES	DEFAULT
Bar	Shows the bar.	On
Bar Parts	Keys, labels and colours of the parts.	Cost, Margin
Bar Total	Key or formula of the whole.	price
Legend	Labels and shares under the bar.	On
Alerts	Key, Below or Above, value, message, colour, Also Color.	2 alerts
Show Alerts	First match or All.	First match
Action	Show, Label, Link, Values, New Tab.	Off
Read URL	Fills inputs from the page address.	Off

Numbers and behaviour

PROPERTY	WHAT IT DOES	DEFAULT
Locale	Number format, such as en-US, en-GB, de-DE, it-IT, ja-JP.	en-US
Currency	ISO code, such as USD, EUR, GBP, CHF, JPY.	USD
Layout	Auto, Columns or Stacked.	Auto
Min / Max	Shows the limits under every slider.	Off
Count Up	Animates results when they change.	On
Errors	Explains formula mistakes on the Canvas or Everywhere.	Canvas

Look

PROPERTY	WHAT IT DOES	DEFAULT
Font	Font, size and line height of the text.	Inter 15 px
Numbers	Family and weight of the values. Inter follows the text font.	Inter Semibold
Text, Secondary	Main and secondary text.	#14161B, #5E6573
Accent, On Accent	Sliders, switches, highlight card and its text.	#2346D8, #FFFFFF
Background, Border, Outline	The outer card and its line.	white, #DADDE3, on
Results Fill, Card Fill	The results panel and its cards.	#F3F4F7, white
Field Fill, Track	Fields, buttons and slider tracks.	white, #E2E5EB
Button, Button Text	The action button.	#14161B, white
Radius, Control Radius	Corners of the card and of the controls.	20 px, 10 px
Padding, Gap	Space inside the card and between areas.	28 px, 28 px

09

Recipes.

The three calculators of the demo page, ready to copy.

Project margin. Inputs `hours`, `rate`, `materials` (sliders) and `price` (Number). Results `cost = hours * rate + materials`, `margin = price − cost` (Highlight), `marginPct = if(price > 0, margin / price * 100, 0)` (Percent). Bar Parts `cost` and `margin`, Bar Total `price`. Alert on `marginPct` Below 10, Also Color `margin`.

Solar savings. Inputs `bill`, `size`, `sun`, `price`, `perKw` (Fixed) and `rebate` (Switch). Results `production = size * sun * 365 * 0.8` (Number, suffix " kWh"), `savings = min(production * price, bill * 12)` (Highlight), `cost = size * perKw * if(rebate, 0.8, 1)`, `payback = if(savings > 0, cost / savings, 0)` (Duration in Years). Alert on `payback` Above 10.

Service quote with a request button. Inputs `plan` (Dropdown), `pages` (Slider), `copy` and `rush` (Switch), `care` (Buttons). A hidden `build` result, a highlighted `total = build * if(rush, 1.25, 1) +`

`care * 120`, and a Duration in Weeks for the timeline. Action to `/quote` with Values on Inputs; on `/quote`, the same Sumline with Read URL on and Action off.

Price in another currency. Set Locale to `de-DE` and Currency to `EUR`: `5.304 €` and `28,5 %`. For Japanese yen, `ja-JP` and `JPY` show no decimals.

10

Accessibility and motion.

- **Sliders** are real range inputs with their label; screen readers hear the value with its unit ("44 hours", "$34 per hour"). Arrow keys, Page Up and Page Down, Home and End move them.
- **Fields**: labelled text fields with Up and Down arrows (Shift for ×10), switches announced as switches, option buttons as a radio group, dropdowns as native selects.
- **Results** are a list of terms and values, and a polite live region reads the new results and any alert after each change.
- **Focus**: a 2 px ring in the accent colour on every control.
- **Motion**: the count-up lasts under half a second, never runs on the Framer canvas and is off when visitors ask for reduced motion; colour and bar changes then happen at once.

11

Limits.

- Tested in Chrome at 1440, 810, 390 and 360 px, with real mouse and keyboard events and with reduced motion. Not yet tested in Safari, in Firefox or with a finger on a real phone.
- Formulas work with numbers only: no text, dates or lists. A result can only use the results above it.
- Duration shows two units at most (years and months, weeks and days, hours and minutes) and rounds to the smaller one.
- Read URL and the action link use your keys as parameter names: give two calculators on the same page different keys.
- The action button is a link: nothing is sent to a server by Sumline itself.
- In some locales four-digit numbers have no thousands separator (it-IT shows 1773 €): that is the locale's rule.

12

Licence and support.

- One purchase covers one website. Please keep your component link private.
- Questions and help: info@litchisolutions.com.
- Sumline is made and tested by Litchi Solutions, a software and web studio in Italy.

Litchi solutions

Built and tested by the people who use it.



Litchi Solutions · Vittorio Veneto, Italy
litchisolutions.com · info@litchisolutions.com
One purchase covers one website.