Space

BY STILLE HOME

Getting started with Space

How to set up, design a kitchen (and the laundry, pantry or whole house around it), draw it, price it, show it and build it. For the Basic, Shop and CNC plans.

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hello@stillespace.com

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01 · WELCOME

One kitchen, from first sketch to the last part

Space by Stille Home is kitchen design software built and used in a working cabinet shop. You draw the room, place the cabinets in 3D, and the same kitchen gives you the drawings, the pictures, the cut list and, on the CNC plan, the files for your machine.

What you can do with it

Design in 3D

Draw walls, windows and doors, then drag cabinets in. They snap to the wall and tell you when something won't fit.

Show it

Real wood grain, paint by code, counters, floors and light. Pictures, photo-real renders, 360° views, and the kitchen drawn into a photo of the room.

Draw it

A dimensioned floor plan, an elevation for every wall and an install sheet, as one PDF.

Price it

Enter your own rates once and every kitchen prices itself, with an estimate to download or send for the client to accept.

More than kitchens

Laundry rooms, walk-in pantries, built-ins, furniture, one-off pieces you describe, the whole house and, as an add-on, bathrooms.

Present it

Designers send the client one link: your details, the finishes, the pictures and the kitchen in 3D.

Share it

Invite a homeowner or designer into a kitchen. Messages and sign-off stay with the job.

Build it

Cut lists and saw sheets (Shop plan), or checked machine files, labels and assembly sheets (CNC plan).

How this guide is laid out

Chapters 3 to 8 are for everyone. Chapter 9 is for the Shop plan, chapters 10 and 11 for the CNC plan. Each chapter shows which plans it covers:

BASIC SHOP CNC

A dark tag means the chapter applies to that plan. Button and menu names in the app are shown in this colour. Keys are shown like F.

The one idea to keep in mind

Everything comes from the kitchen itself. Move a cabinet and the drawings, the pictures and the cut list all follow. There's nothing to redraw and nothing to copy from one program to another.

02 · YOUR PLAN

What each plan includes

Every plan includes the design tools. Each step up adds what you need to build the kitchen yourself.

	BASIC	SHOP	CNC
For	**$99** Interior designers	**$149** Shops with a saw	**$199** Shops with a CNC
3D design, finishes, pictures and 360° views	Yes	Yes	Yes
Floor plan, elevations, install sheet (PDF)	Yes	Yes	Yes
Prices and estimates from your own rates	Yes	Yes	Yes
Laundry rooms, pantries, built-ins, furniture, 3 layouts	Yes	Yes	Yes
Custom pieces (50 a month) and the whole house	Yes	Yes	Yes
Bathrooms add-on, $19 a month	Add-on	Add-on	Add-on
Designer app: clients, presentations, send to a shop	Yes	—	—
Photo-real pictures, 50 a month for the shop	Yes	Yes	Yes
Share with clients; messages and sign-off	Yes	Yes	Yes
Cut list, saw sheets, construction standards (box in 3D)	—	Yes	Yes
Machine files, second check, air cuts, labels, assembly sheets	—	—	Yes
Cut screen, Explode, DXF jobs and signs	—	—	Yes

Prices are per month. Yearly: Basic $990, Shop $1,490, CNC $1,990 (two months free). **Bathrooms** is an add-on for any of the three plans: $19 a month ($190 a year) per shop, cancel any time. On the Shop and CNC plans, every room, custom piece and piece of furniture goes into the same cut list and machine files.

On every plan

- **No limit on kitchens.** Each shop has 10 GB for files.
- **One user included.** Add more for $50 a month each ($500 a year on yearly plans).
- **Free view-only logins** for the shop floor. They can open kitchens and sheets but can't change anything, and they don't count as users.
- **Clients are free.** Homeowners and designers you invite into a kitchen never pay.

- **14 days free** to start, then the terms in chapter 13. During the beta: free for 30 days, then look-only until you pick a plan (plans open in December 2026).

For homeowners: the free designer and the plan set

Homeowners can design their own kitchen for free. A **plan set is $149 per kitchen**: the floor plan, every elevation and the install sheet as a PDF, plus renders, four photo-real pictures, a 360° view and a link a contractor can open. It includes one free revision. There are no cut files in a plan set, and it can't be refunded once downloaded.

Sign in and get your shop ready

BASIC SHOP CNC

Sign in and start your shop

Joining the beta

Apply at **stillespace.com** (Apply for the beta). When there's a place, we email you an invite link. Open it, fill in the form and press Create my account. A sign-in email follows; carry on from step 3 below.

There's one address for each kind of work: **shop.stillespace.com** (or app.stillespace.com) for cabinet shops, **designer.stillespace.com** for interior designers, and **home.stillespace.com** for homeowners designing their own kitchen.

1. Go to your address.
2. Type your email and press Email me a sign-in link. There's no password.
3. Open the link in the email, or type the code from it.
4. Tick the box to agree to the Terms of Service and Privacy Policy. During the beta there's a second box: Space records how you use it (clicks and the screen, never what you type) so the team can fix problems. Tick both, then press Agree and continue.
5. Check your shop's name (it's filled in if you applied on the website) and press Create shop (designers: Create studio, chapter 7). Your shop starts with a **sample kitchen** in Kitchens, so you can look around before you draw your own.

The menu on the left has everything else: Shop, Kitchens, Team, Files and License & billing.

Where Space runs

Space runs in a modern browser (Chrome, Edge or Safari) on Windows or Mac, and on a tablet or phone for showing clients. During the beta it runs online only. **Coming later:** a desktop app that designs with no internet and saves files to one folder, and an offline copy for a shop computer that's never online.

Set up your shop

1. **Your details.** On the Shop page, fill in **Your details on estimates and drawings**: name, town, email, phone and license number.
2. **Work from designers** (shops). On the Shop page, tick List [your shop] for interior designers in Space, add your town and one line about your work, and press Save. Designers can then send you kitchens to price and build. See chapter 7.
3. **How you build** (Shop and CNC). Pick a construction standard, or set your own joinery, backs, bases, drawer boxes and plywood thickness. See chapter 9.
4. **Your machine** (CNC). Pick your machine and set the tool rack before you download a single file. See chapter 10.
5. **Your team.** Invite people and free view-only shop-floor logins under Team. See chapter 13.

Five ways to start

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A. From a starting room

The quickest way. Open a kitchen from Kitchens, or press New kitchen.

1. Go to Room and pick L-shape, U-shape, Galley or Empty room. The first three come with cabinets already laid out.
2. Click a wall to type its **Length** (centre to centre), and pick its height and thickness. Changing a length moves the far end; the cabinets on it stay put.
3. Add windows and doors from the opening list, then move, add or remove cabinets (chapter 5).

B. From a floor plan or a drawing

Use this when you have an architect's plan, a PDF or a phone photo of a sketch. Go to Room → Floor plan and follow the four numbered steps in the panel.

1. **Bring in the drawing.** A picture (PNG or JPG) or a PDF. The paper turns clear so only the lines show.
2. **Set the scale.** Press Measure a line, drag along a dimension or wall you know, and type its length. For a full-size PDF you can pick the drawing scale instead, from 1/8" to 1-1/2" = 1'.
3. **Line it up** if you need to: Move it, turn it 90° or by half a degree, and use **See-through** or Hide it.
4. **Trace the room** with Draw walls or Draw a room, then drop windows and doors onto the walls where the drawing shows them.
5. **Then** pick a shape (Best fit, L, U, Galley or One wall) and press Fill with cabinets, or Keep my layout to place them yourself with the drawing faded underneath.

C. From photos of the kitchen that's there now

Go to Room → From photos.

1. Take or choose one to four photos. Stand in a corner and get each wall with cabinets in the picture.
2. Pick the room shape.
3. Type the width, depth and ceiling height. You can type 14' 6", 14 6 or just 14.
4. Tell Space which wall each photo shows (Wall A, B, C), and press Build my kitchen. Space builds a first version and lists anything it guessed. Click any cabinet to fix it.

Reading photos needs you to be signed in and online. If Space can't read them, press Build from the room size instead: you get the same shape and size, laid out the standard way.

Photos are made smaller and stripped of their location and camera details before they leave your device, read once, and never saved with the kitchen.

D. From a cabinet maker's drawings

Have elevations and a plan already drawn? In Room → From photos, choose Add your drawings and add a PDF or pictures of the pages (up to 6).

1. Mark each page: Wall A to D, Floor plan, Island or peninsula, or not used.
2. Type the room's inside size, to the 1/8".
3. Space reads the printed sizes (about 20 seconds), then shows what it read beside each page, in inches. **Check** it and fix anything before it builds.
4. It builds the kitchen at the drawn sizes: exact widths, doorways where they are, corners as drawn, uppers to the ceiling where drawn. Tap any cabinet to change it.

E. The whole house

On a paid plan, Room → Whole house lays out every room, then you build in the one you need.

- Import a floor plan: a DXF (from CAD or a phone scan) brings in every closed room, named from the words on it. A PDF or photo is read online (30 a month for your shop), then you check one size and Fix every room rescales them all.
- Draw it room by room: each new room snaps flush against the next one, and a door in a shared wall opens through both. Add a room by size types it in.
- Each room has a card. Press Build here on the kitchen, laundry, pantry or bathroom to start designing in it.

Not sure how to lay it out? 3 layouts

Once the room is drawn, press 3 layouts on the 3D view. Space lays the room out every way it can (L, U, galley, one wall, with or without an island, the sink on each wall) and shows the three best as plans. Pick one to start from, then change anything. Picking one replaces that room's cabinets; Undo brings them back.

Tip: whichever way you start, check the wall lengths, window positions and ceiling height against your site measure. Drawings, pictures and cut list are only as good as the room.

Working in the 3D room

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The four modes

Cabinets
The shelf of lowers, uppers, talls, appliances and fillers. The cabinet line and door style sit here too.

Room
Walls, windows, doors and openings, the floor plan, starting templates, **Add a room** and **Whole house**.

Finishes
Wood and stain, paint by code, door style, hardware and its finish, the box plywood and drawer boxes, counters, backsplash, floors, walls (with panelling and a chair rail), ceiling and light. Each room can have its own.

Walk
Stand in the room at eye height and look around, the way your client will.

Placing and changing cabinets

- **Drag or tap** a tile on the shelf. Cabinets snap to the room side of the wall and slide to the nearest free spot. If one can't go there it turns red and says why.
- **Click a cabinet** to open its panel: width, depth, height, drawer heights, shelves, glass, and the hardware.
- **Centre on the wall** (in a cabinet's or appliance's panel) moves it to the middle of the wall and refits the cabinets on each side so the run stays full.
- **Islands:** the Islands tab on the Cabinets shelf has whole islands, 72" × 36" to 108" × 42" (plain, sink, range, table, turned, butcher's or furniture base) and a peninsula; Space checks the 36" aisle around them. Double-click an island piece to select the whole island. Move, turn (R), duplicate or change its style, colour, overhang and stools together.
- **Corners:** blind corners, lazy susans and diagonal corners are on the shelf. Fillers of 1-1/2" to 4-1/2" go in at walls.
- **Mouldings:** in an upper or tall's panel, add crown, cornice or a light rail. It runs the length of the wall and mitres at the corners.
- **Faucets and sinks:** click the faucet or sink in the room to pick a different one: 22 faucets in 13 finishes, with a side spray, soap dispenser, filtered-water or instant-hot tap as extras.
- **Help:** press Help in the top bar to ask Ask Space, the help chat.

Moving the view

Turn	Drag with the mouse or one finger.
Move across the room	Right-drag or Shift-drag, hold Space and drag, use two fingers, or turn on the hand (H).
Zoom	Scroll, or pinch.
Back to the whole room	F (Fit).
See over the walls	W steps through Cutaway, Low and Full walls.

Undo and redo	Ctrl / Cmd + Z, and the arrows in the top bar.

Let Space check the layout

Open the List to see the checks. Space flags things like a hood narrower than the range, a dishwasher far from the sink, or a tall cabinet right beside a range.

Open everything (the door button by the camera controls, or Shift + O) swings every door and pulls every drawer. Anything that hits a wall, a casing, a pull or another front shows in red, and the List says what hits what and how to fix it, for example "add a 3" filler at the corner".

Laundry rooms and walk-in pantries

They're built on the same screen as the kitchen. In Room, Add a room sits under Walls: tap a kitchen wall first and the Laundry room or Walk-in pantry goes on the other side, joined through a doorway; tap no wall and it stands on its own.

- **Tap a room's floor** to name it, set its own ceiling, drag the whole room (its doorway moves with it), turn it, or remove it.
- The Laundry · pantry shelf (Cabinets) has washers and dryers by make (pairs, stacked, all-in-one, towers and 24" compacts), the laundry sink base, hampers, a fold-down drying rack, pantry shelves with roll-out trays and a ladder on a rail.
- **Finishes for** (Finishes tab) picks the room; Same as the kitchen or Its own. The cabinet line stays the same in every room.

Built-ins and furniture

- The Built-ins shelf has a pantry hutch, a dresser hutch, rounded end shelves, a window seat and mud room lockers.
- The Furniture shelf has a nightstand, chest of drawers, dresser, sideboard, media console and entry console. Pick the size, what it stands on (legs, feet or a plinth) and the wood in its panel. On the Shop and CNC plans its boxes go into the cut list and machine files; the solid top, legs and hardware are listed to make or buy.

Custom pieces

For millwork that isn't on the shelf. On the Built-ins shelf press Make a piece, then describe it, or add a photo, sketch, PDF drawing, DXF or 3D model of it, and press Make it. Space builds it in 3D, on the plan and the elevations.

- The editor replaces the cabinet panel: change the whole piece (size, finish, door style, base, legs, crown), or pick a part, tier, section or cell and type its size. Type **even** to share what's left between parts.
- On the Shop and CNC plans each section becomes boxes in the cut list (CP1-1, CP1-2…), with the base, top and added parts listed under Made in the shop. It's priced from your custom-piece rate (chapter 7).
- Each shop can make 50 pieces a month. Reading needs you signed in and online.

Bathrooms (add-on)

With the Bathrooms add-on on your plan, a Bath tab appears on the Cabinets shelf (vanities, toilets, tubs, showers and tile), and Room → Start from → Bathroom… builds a bathroom from a few answers.

Everything a builder needs, in one file

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Open the List and choose a tab. Each drawing updates as you change the kitchen.

Floor plan
Walls, windows, door swings, every cabinet with its tag, and every wall's inside length with the openings dimensioned along it.

Elevations
One per wall: doors, drawers, appliances, hood, counter and backsplash, outlets, with width chains and a height ladder.

Install sheet
Run lengths, fillers to scribe, appliance openings, hood height, sink centre, upper ledger height, and every outlet position.

Drawing set (PDF)
All of the above on letter landscape sheets with a title block on every page. Print it or send it.

Pictures for your client

These are at the bottom of the List.

- Save a picture makes a high-resolution image of what's on screen, with soft shadows.
- Photo-real renders the view on our server in a few minutes: real light round the room, soft shadows, stone that shines. Signed in and saved online. Your shop has 50 a month; more are $10 for 50, for the rest of that month.
- In your photo draws the kitchen into a photo of the room. Take the photo from across the room so one whole wall shows, then put four dots on its corners (or press Guess the corners and check them). The photos stay with the kitchen on that device.
- In your room, on a phone or tablet, shows the kitchen full size where it will go: on an iPhone or iPad in Apple's AR viewer, on Android where you tap the floor.
- 360° view makes a photo sphere that opens on a phone or in any 360 viewer.
- Looks keeps up to four finish schemes on the same layout so you can show them side by side.
- Light: under Finishes, try Day (with a time slider), Evening and Night with the lights on. Tell Space which way the windows face.

Tip
Before you send drawings, open each elevation and read the height ladder. It's the fastest way to catch an upper at the wrong height or a hood too close to the cooktop.

Your rates, your estimate, your clients

BASIC SHOP CNC

On every paid plan Space prices each kitchen from **your own rates** and makes the estimate. Space never fills in anyone else's prices.

Set your prices first

Press Price in the top bar (or List → Price). **Every rate starts at $0**: until you set yours, the Price tab opens on Rates with "Set your prices first", and the top bar says Set your prices. Under Rates, enter:

- what you charge **a foot** for each cabinet line and wood
- the design fee and the deposit, delivery and install
- your custom-piece rate (pieces stay out of the price until it's set)
- your notes on the estimate and your license number

Rates are kept with your shop: everyone on the team prices with the same ones, on every computer.

The estimate

- Space measures the **linear feet** of cabinet run (uppers over lowers counted once; islands by each face with cabinets) and prices every room on its own finish. Custom pieces and furniture get a line each.
- Add a line for anything extra, like a walnut top. Other lines and woods prices the same kitchen in every line; Try it switches the cabinets on screen.
- Estimate (PDF) downloads it with your details at the top. Send estimate (on the Price tab or in Jobs) sends it to the homeowner you invited, who can accept it online (chapter 8).
- **Show my price to clients I invite** (Rates; owners and admins) is off unless you turn it on. Clients then see a range as an estimate from your shop, never from Space.

Homeowners designing on their own, guests and view-only links never see your rates.

For interior designers

Interior designers have their own app at **designer.stillespace.com**. It has the same 3D studio and drawings, plus your clients, a presentation for each kitchen, and the cabinet shops in Space that build them.

Start your design studio

Sign in at designer.stillespace.com as in chapter 3, then type your studio's name under Start your design studio and press Create studio. On the Studio page, fill in **Your details on presentations and drawings**. The menu has Studio, Clients, Kitchens, Sent to shops, Team, Files and Account & billing.

How it works

1. **Add a client** under Clients: name, email, phone and the address of the job. Notes stay inside your studio. Press New kitchen on a client to start their kitchen.
2. **Design it** in 3D (chapters 4 to 6): walls, cabinets, finishes, appliances, and photo-real pictures.

3. **Present it.** In Kitchens, press Present. Space opens the presentation and copies its link for your client: your details, "Prepared for" your client, the finish board, the appliances, the pictures and the kitchen in 3D. There are no prices on it.
4. **Send it to a shop.** In Kitchens, press Send to a shop, pick one of the cabinet shops listed, add a note (timing, finish, install) and press Send. The shop gets its own copy as the kitchen is now, with your studio's and your client's details.
5. **Follow it** under Sent to shops: where each kitchen is (**With the shop**, **Estimate in**, **Estimate accepted**), and Messages and estimate to read and answer the shop.

Changes you make after sending stay with you; send the kitchen again to share them. Every kitchen can be filed under a client with the **Client** menu in Kitchens.

For shops: work from designers

A shop appears in the list once its owner ticks List [your shop] for interior designers in Space on the Shop page. Designers see only the shop's name, town and one line about its work. A kitchen they send arrives in Kitchens with the designer's and the client's details.

Designers price their own kitchens the same way, from their own rates. A kitchen you send to a shop is priced by that shop.

Share a kitchen with the people in it

BASIC SHOP CNC

Invite someone into a kitchen

1. In Kitchens, press Share on the kitchen.
2. Type their email (and name, if you like), pick **Homeowner** or **Designer**, and press Send invite. You can invite up to 20 people to a kitchen.
3. They get an email, sign in with no password, and see the kitchen in 3D. They can walk through it and write to you.
4. The Share panel shows each person as **Invited** or **Joined**. Press Remove to take someone off.

Guests never pay and don't count as users on your plan.

A view-only link

For a contractor or anyone who just needs to look, press Copy a view-only link in the Share panel. Anyone with the link can open the kitchen without signing in, but can't change it or see your shop's lists.

Send the estimate

1. Set your prices first (chapter 7).
2. Open the kitchen from Jobs and press Send estimate in the job bar (it's on the Price tab too). Space asks you to confirm the total.
3. The homeowner you invited sees an **Estimate** button on their kitchen, reads every line and accepts it by typing their full name. The stage moves to **Estimate sent**, then **Accepted**.

To revise it, send it again: guests see the newest one. Only the person invited as the Homeowner can accept. The agreement for the cabinets is between you and your client; Space isn't part of it.

Messages

Everyone on a kitchen writes in its Messages: you, your team and the people you invited. Invited people can't change the kitchen; they write what they'd like changed.

> **Tip: one kitchen, one conversation**
>
> Keep questions in the kitchen's messages instead of email. Everyone sees the same 3D kitchen, and nothing gets lost between versions.

Cut list and plywood saw sheets

BASIC SHOP CNC

The Build tab in the List turns the kitchen into parts for a table saw or panel saw, built the way your shop builds.

Tell Space how you build

At the top of List → Build, pick a **Construction standard**: Face frame (the default: face-frame boxes in 0.74" ply, tab and slot, on legs); Frameless 3/4 with 1/4 back in dado; Economy 5/8 sides; or European 32 mm. Change any setting and it becomes your own (Custom). Every box in the kitchen follows, in the cut list and in the room. Space keeps your standard on that computer; Back to face frame (the default) resets it.

Joinery, backs, tops, bases

Tab and slot, dado and rabbet, butt joints with screws or confirmats, dowels, pocket screws or biscuits. Backs applied, in rabbets, a dado or a groove, or captured. A full top or stretchers. Legs, a notched toe kick or a plinth.

Face frames and fronts

Match the kitchen's line, on every box, or frameless. Make doors and fronts, or order them.

Drawer boxes, slides, pins

Make the drawer boxes or order them; undermount or side-mount slides; 5 mm or 1/4" shelf pins, or fixed shelves.

Sheets and saw

Carcass, back and front thickness in inches or mm, any plywood or your own sheet good, dado depth, saw kerf, toe-kick height, edge banding.

Every setting, with the box in 3D opens the Construction tab: a base, upper or tall box drawn from your standard, Together or Apart to show the joints, beside every setting. Drag to turn it; tap a part (a side, the back, a shelf) to change how it's built, and type the box's width, height and depth to see it at any size. **Your sheet goods** there adds a plywood or panel you buy, with its species, colour or a photo of its face, core, thickness and price a sheet.

Every room (kitchen, laundry, pantry), every custom piece and every piece of furniture is laid out and nested into the same sheets. What the boxes don't cover (a stone top, solid legs, bought-in parts) is listed under Made in the shop or what to order.

Read the saw sheets

Each material (box ply, backs, fronts, drawer ply, drawer bottoms) is laid out on 96" × 48" sheets as rips first, then crosscuts in each strip, with the grain kept the right way. Each sheet numbers its rips and writes out the cut order, for example **Rip 1: a 23-1/4" strip. Crosscut: 30, 30, 30.**

The offcut rack. When a job's last sheet leaves a clean full-length strip, press Keep the offcut to put it on the rack. The next job with the same material cuts matching offcuts first (the sheet says "Offcut … from the rack"); once they're cut, press Used the offcuts.

Download Cut sheets (PDF), one sheet per page with its cut order, then the cut list, face frames, what to order and hardware; or Cut list (CSV) for any spreadsheet.

Measure your plywood

Plywood is rarely its nominal thickness. Set the real thickness in your construction standard before you cut. Prefinished 3/4" ply, for example, often measures 23/32".

From the kitchen to your machine

BASIC SHOP CNC

On the CNC plan Space writes the machine files for every sheet (every room, custom piece and piece of furniture included), checks each one a second time, and gives you labels and assembly sheets. Every hole is drilled, so boxes go together with screws and no layout.

The first time on a computer, the Shop tab and Cut say "Opening the cutting engine..." for a moment while Space unlocks it for your shop. You need to be signed in with your shop account; after that it opens on that computer even with no internet.

1. Pick your machine

Open Cut → Rack and tools. Under **Machine**, pick your **Machine maker** and the **Control** the files are written for. Set the units, the tool changer (automatic, or by hand: one file per tool), where Z zero is (the table or the sheet top) and the top spindle speed.

CONTROL	STATUS
WinCNC, with a tool changer	Proven on a real machine
WinCNC one tool at a time, Mach3, Mach4, Masso, GRBL / grblHAL, LinuxCNC, Centroid, UCCNC, Fanuc, Syntec, Weihong NcStudio, RichAuto DSP	Not yet proven
Anything else	DXF drawings of every sheet, for your own CAM program

"Not yet proven": written from the control's published G-code reference, not yet run on that control in a shop. Run an air cut, then the test coupon, first (chapter 11).

2. Set your tool rack

In Rack and tools, set each tool's rack number (T#), rpm, feed, plunge and depth of pass: compression bit, down-cut, V-bit and both drills. Below them, set the safe, retract and home heights and how far through cuts go into the spoilboard. The last column shows what the second check allows for each tool.

- Save and rewrite the files rewrites every file and tells you if the second check now holds any sheet, and why.
- Space refuses two tools on one number, a drill over 4,000 rpm, and a through cut deeper than 0.020" into the spoilboard.
- Undo changes and Back to the shop defaults put things back. Save settings file and Open settings file move your settings to another computer.

3. The Cut screen

Press Cut in the top bar.

Run order (left)
The test coupon first, then every sheet, with its second-check result and minutes. Below the list: Rack and tools, Open a DXF..., Make a sign and the cut files folder.

The sheet (middle)
Every part, every move, holes as dots. Press play to watch the whole sheet cut, or drag to scrub.

Tools and set-up (right)
The tools this sheet uses and a checklist: ply, rack, pins, Z zero, air cut.

Downloads
Download .tap, Air cut, Second check, All files (.zip) and Part labels.

4. What's in the download

TAP	One ready-to-run file per sheet (the folder and file names follow your machine).
AIR_CUT	The same files 1" above the sheet, to dry-run before every file.
COUPON	A small test piece with every kind of cut, its air cut and its drawing.
HOLD	Any sheet the second check stopped, with a note saying why. These are not in TAP.
SHEETS	Every sheet as a DXF drawing, for any other program.
README, lists	Run order, the rack, where to zero, what's on each sheet, the second-check report; the nest and cut list as CSV.

5. Labels, orders and assembly

The Shop tab in the List has everything for the bench, plus Cut files (.zip) and Cut list (CSV):

- Part labels (PDF) on standard 2" × 4" sheets, each with a QR code: job, cabinet, part, size, sheet and position.
- Assembly sheets (PDF), one page per cabinet: its parts, what to order, and the steps.
- Door & drawer order (PDF) with style, size, species, finish and hinge boring, ready for your door shop.
- Face frames (PDF), the materials list with sheets to buy, and the cut list.

6. Explode a cabinet

Click any base, upper or tall and press Explode: the box pulled apart in 3D, its CNC parts, what's ordered or made by hand, and how it goes together.

7. One-off jobs, signs and the shop PC

- Open a DXF... on the Cut screen takes any drawing. Each layer gets a cut (cut out, drill, pocket, groove, engrave, or leave it), guessed from its name, which you can change.
- Make a sign (in the Cut screen's left column) V-carves lettering into a board: type the words, pick the typeface, letter height, board size, corners and carve depth, and press Make it. Space cuts the board out on tabs.
- On the machine's computer, press Choose a folder once (for example C:\CNC Files). After that, Download .tap and Air cut save straight into it, and Send all files writes the whole job there.

The checks that matter

BASIC SHOP CNC

Space checks every file it writes. You still run the machine. These steps keep bits, sheets and people safe.

You are responsible for what runs on your machine

Before your first machine file, Space shows the Machine-File Agreement. Read it, tick the box, type your name and press Agree and download. It asks again when the agreement changes and the first time you use a control that isn't proven yet. Read every file and the README before you cut.

The second check

Every file Space writes is read again by a separate checker that shares no code with the file writer. It looks at every line for cuts too fast or too deep, plunges, rapids through the wood, cutting with the spindle off, tools not in your rack, arcs, cuts off the table, and an air cut that reaches the wood.

- **Checked**: the sheet passed.
- **Held**: the sheet has no file to download. The reason is shown on screen and in the HOLD folder. Fix the cause (usually a rack setting) and Save again.
- Check .tap files… in List → Shop reads any file you have, from Space or anywhere else.

Every job, every file

The Cut screen's set-up checklist goes with every sheet. Tick each step as you do it.

1. **Measure the sheet** with calipers and set the real thickness. The checker flags a file written for a different thickness.
2. **Check the rack** against the tool list for the sheet: right bit, right number.
3. **Set XY and Z zero** where the README says: the sheet against the pins, Z on the spoilboard top, vacuum on.
4. **Run the air cut for every file** and watch the whole sheet. Nothing should come near the wood.
5. **Cut the coupon before the first sheet of each job** and check it: parts free, holes at depth, pockets flat, nothing into the spoilboard past a few thousandths.
6. Then cut the sheet, and stay at the machine for it.

On a control that isn't proven

Do all of the above before every new job until you've cut a full kitchen without a problem. If anything looks wrong, stop and email **hello@stillespace.com** with the file and a photo. Shops running each control help us prove it for everyone.

Where your kitchens live

BASIC SHOP CNC

- **Autosave.** Space saves as you work, to your account and on the computer.
- **Kitchens** lists every kitchen in your shop, with whether it's synced. Open it from any computer you sign in on, or press Sync now.
- **Project file.** Save file in Kitchens (or Save project file in a kitchen's List) writes the whole kitchen, including an imported floor plan, to one file. Keep it, email it, or open it on another computer with Open kitchen file….
- **Offline** (coming later). During the beta Space works online only. The desktop app will open and save kitchens with no internet and sync when you're back online.
- **Files.** The Files page keeps photos, floor plans and PDFs for your team, up to 10 GB per shop. Kitchens themselves are small.

Tip: keep a project file for finished jobs

When a kitchen is installed, save its project file with your job records. It holds everything needed to recut a door or a box years later.

Your plan, your users, your terms

BASIC SHOP CNC

How monthly plans run

14 days free
Card on file. Cancel before day 14 and you pay nothing.

3 months
Month to month. Cancel any time; the plan ends at the end of the month you've paid for.

12-month term
Same monthly price. If you cancel during the term, the plan stays on and is billed until the term ends.

Then month to month
Cancel any time.

You'll get an email with these terms when you sign up, and another two weeks before your 12-month term starts.

Yearly plans are paid up front, with two months free, and renew each year. Pick Yearly when you start a plan or under Change plan.

Manage your account

Only the shop's owner (or an admin) manages the plan. Everything is under License & billing and Team.

Start a plan	License & billing → pick Basic, Shop or CNC, Monthly or Yearly, and press Start 14-day free trial. You add your card on a secure payment page.
Change plan	License & billing → Change plan → pick the plan. Space shows what you'll pay today (or keep as credit) before you press Switch plan. The change is immediate.
Cancel	License & billing → Cancel plan. Space shows exactly when the plan will end; press Cancel plan again to confirm.
Undo a cancel	License & billing → Keep my plan.
Card and invoices	License & billing → Card and invoices.
Add a user	License & billing → Users, press + and Save ($50 a month each), then invite them under Team as Staff or Admin. An invite holds a seat until it's accepted or cancelled.
Shop-floor logins	Team → invite as **Shop floor (free, view only)**. They open jobs and read cut lists, sheets and labels, and can't change anything.
Switch someone off	Team → Switch off.

Frequently asked questions

GETTING STARTED

Does Space work on a Mac?

Yes. It runs in the browser on Mac and Windows. A desktop app for both comes later.

Do I need the internet?

Yes, for now: during the beta Space works online only. A desktop app that designs with no internet, and an offline copy for a shop computer that's never online, come later.

How long does it take to learn?

Most people have a first layout in a few minutes. Open the sample kitchen in Kitchens, or start from Room → L-shape, and move things around.

Can I bring in an architect's plan?

Yes. Room → Floor plan takes a PDF or a picture. Press Measure a line to set the scale, trace the walls, then fill with cabinets or keep your own layout. Space doesn't read walls off the drawing by itself yet.

Can I use my own appliances, tiles or models?

Yes. Drop a 3D model (GLB, glTF, OBJ, STL or FBX) or a photo of a tile onto the page and it's added to your library on that computer.

Can I show the kitchen in the client's own room?

Yes. In your photo draws it into a photo of the room, and In your room shows it full size on a phone or tablet. Photo-real makes a rendered picture; your shop has 50 a month.

CLIENTS AND DESIGNERS

Do my clients have to pay or sign up?

They don't pay. Invited homeowners and designers sign in with their email (no password). A view-only link needs no sign-in at all.

Does Space price kitchens?

Yes, on the Basic, Shop and CNC plans, from your own rates. Every rate starts at $0: press Price and enter what you charge under Rates (chapter 7). Homeowners designing on their own never see cabinet prices.

How do I get bathrooms?

Bathrooms is an add-on for the Basic, Shop or CNC plan: $19 a month or $190 a year for the shop, added on the License & billing page once the plan's trial has ended, and cancelled any time. With it, the Bath tab and the Bathroom… starter appear in the studio.

Can I put my own name on the drawings?

Yes. Shops fill in Your details on estimates and drawings on the **Shop** page; design studios fill in Your details on presentations and drawings on the **Studio** page.

BUILDING AND CUTTING

Which CNC machines does it work with?

WinCNC with a tool changer is proven in our own shop. About a dozen other controls (Mach3, Mach4, Masso, GRBL, LinuxCNC, Centroid, UCCNC, Fanuc, Syntec, Weihong, RichAuto and WinCNC one tool at a time) are written and checked but not yet proven in a shop, so run an air cut and the coupon first. Any other machine can take the DXF drawings into its own CAM program.

Do I still need a separate CAM program?

Not on a supported control. Space writes the toolpaths, checks them and gives you files ready to run. DXF drawings are there if you'd rather use your own program.

My shop doesn't build boxes the way yours does.

On the Shop and CNC plans, pick a construction standard in Build, or set your own: joinery, backs, bases, face frames, drawer boxes, slides, shelf pins and sheet thicknesses. The Construction tab shows the box in 3D.

Does every construction setting reach the machine files?

Most do. On the Construction tab, a setting marked **saw and cut list only for now** isn't in the machine files yet; for it, the files keep the shop standard's setting.

What if the second check holds a sheet?

That sheet gets no file. The reason is on screen and in the HOLD folder. Usually a feed, rpm or depth in Rack and tools is over the safe limit for that bit. Fix it and Save.

Can I recut one part?

Yes. Each sheet has its own file, and every part label has a QR code with its cabinet, sheet and position.

PLANS AND BILLING

Is there a free trial?

Yes, 14 days on every plan. Your card is on file, and you're not charged if you cancel before day 14.

I'm in the beta. What happens after 30 days?

You can still open and look at everything you made. Pick a plan to keep designing; plans open in License & billing in December 2026.

What's the 3 months, then 12?

After the trial, the first 3 months are month to month and you can stop any time. After that the plan continues for a 12-month term at the same price, then goes month to month.

What happens if I cancel during the 12 months?

Your plan stays on and is billed until the term ends, then stops. Space shows the end date before you confirm.

Is there a limit on kitchens?

No. Each shop has 10 GB of file storage.

Can more than one person use it?

Every plan includes one user. Add more under License & billing → Users ($50 a month each), then invite them under Team. View-only shop-floor logins are free.

Can I change plans, or pay yearly?

Yes, under License & billing → Change plan. Moving up, you pay the difference for the rest of the billing period. Moving down, the unused part is kept as credit for your next bills.

What should I do before my plan ends?

Save a project file of any kitchen you want to keep.

HOMEOWNERS

Is designing free?

Yes. Sign up and design as many kitchens as you like.

What's in the $149 plan set?

The floor plan, every wall elevation and the install sheet as one PDF, plus renders, four photo-real pictures, a 360° view and a link a contractor can open. It includes one free revision.

Can I get a refund on a plan set?

Not after it's downloaded, unless something is wrong with it.

Does the plan set include cut files?

No. It's drawings for you and your builder.

PRIVACY

Who can see my kitchens?

Only people in your shop and the guests you invite to a kitchen. A view-only link opens only the kitchen it was made for.

What happens to photos I use to start a kitchen?

They're made smaller and stripped of location and camera details on your device, read once to build the kitchen, and never saved.

And the photos for In your photo?

They stay with the kitchen on the device you used, and the project file doesn't carry them. Remove one from the In your photo screen.

Where to ask

Ask Space

Press **Help** in the studio's top bar. It answers most questions straight away and hands anything else to a person.

Help center

Step-by-step articles at stillespace.com/help.

Videos

Three short how-to videos at the top of stillespace.com/help.

Email

hello@stillespace.com

Machine problems

Send the file, the README and a photo. Stop the machine first.

When you write to us, include

- Your shop name and the kitchen's name.
- What you did, what you expected, and what happened.
- A screenshot, or the project file.
- For cutting questions: your machine and control, the file, and the README from the download.

Built in a working shop

Space is made by a cabinet shop that cuts its own kitchens with it every week. If something would make your shop faster, tell us. That's how most of Space got built.



stillespace.com

hello@stillespace.com