

2.4.4 Matching Spectre output to your specific drill press brand/model

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2.4.4

TIP

calibration

Spectre Cloud includes a **drill press brand and model selector** that automatically configures the pitch sign convention and axis orientation settings to match your machine. For supported presses, this replaces the need to manually work through 2.4.1, 2.4.2, and 2.4.3 individually. A reference table of known conventions is also provided for presses not yet in the selector, or for shops that prefer to configure settings manually.

☐☐ Using the Brand / Model Selector

Selecting your drill press from the list automatically applies the correct values for the following settings in one step:

- **2.4.1** — Right pitch as positive (Y/N)
- **2.4.2** — Forward thumb pitch as positive (Y/N)
- **2.4.3** — Display +/- in pitch tiles
- **2.3.6** — H/V flip for oval cut movement direction

Note: After applying a preset, you can still override any individual setting manually if your machine has been modified, mounted non-standardly, or differs from the factory default for that model. The preset is a starting point — your manual configuration always takes precedence. [△ Verify with your Spectre team: confirm the full list of settings that a brand/model preset configures, and whether overrides persist if the preset is reapplied later.](#)

Selecting Your Drill Press

1. Navigate to **Settings** from the top menu.
2. Locate the relevant settings section. [△ Verify with your Spectre team: confirm the exact section name, consistent with the navigation path confirmed for 2.4.1–2.4.3.](#)
3. Find the **Drill Press Brand / Model** selector.
4. Choose your press manufacturer from the brand dropdown. [△ Verify with your Spectre team: confirm whether brand and model are separate dropdowns or a single combined selector.](#)
5. Select your specific model from the model list.
6. Spectre Cloud will apply the known settings for that press automatically. A confirmation message or summary of applied values should appear. [△ Verify with your Spectre team: confirm whether a confirmation dialog or settings summary is shown after selection.](#)
7. Review the individual settings in 2.4.1–2.4.3 and 2.3.6 to confirm the applied values look correct for your machine.
8. If anything looks wrong — for example, your machine is a non-standard variant of the selected model — adjust the affected settings manually.

Known Drill Press Conventions Reference Table

If your press is not listed in the selector, or if you prefer to configure settings manually, use the table below as a starting point. Always verify against your press documentation or a test drill before committing to a bowler's ball. [△ Verify with your Spectre team: confirm all entries in this table, add any missing brands/models, and remove any that are inaccurate or no longer supported.](#)

Brand	Model	Right Pitch Positive	Fwd Thumb Pitch Positive	H/V Flip

Jayhawk	Standard	Yes	Yes	No
Innovative	Standard	Yes	Yes	No
<i>Additional brands</i>	—	—	—	—

Note: The table above contains placeholder entries only — all values must be verified with the Spectre team before publishing. Do not rely on these figures for drilling without confirmation.

☐☐ My Press Isn't Listed — What Do I Do?

If your drill press brand or model does not appear in the selector, configure the relevant settings manually using the guidance in 2.4.1, 2.4.2, 2.4.3, and 2.3.6. You can also request that your press be added to the selector:

- ☐ Contact the Spectre Cloud support team at spectrebowling.com with your press brand, model, and known axis conventions.
- ☐ The BowlDevs team reviews submissions and adds verified presses to the selector in future updates.
- ☐ In the meantime, manual configuration works identically to a preset — there is no functional difference once the settings are correctly applied.

Tip: When submitting a press for addition, include your press manual's axis convention diagram if possible — this speeds up verification and reduces the chance of an incorrect entry being published.

☐☐ When to Revisit This Setting

Once configured, the brand/model selector does not need to be revisited unless something changes in your shop setup. Revisit this page if:

- ☐ You acquire a new or replacement drill press.
- ☐ Your press is serviced, remounted, or physically reoriented.
- ☐ You notice pitch values drilling consistently in the wrong direction after a shop change.
- ☐ A Spectre Cloud update adds a previously unlisted model for your existing press.

☐ Multi-Press and Multi-Location Shops

If your shop operates multiple presses — or multiple locations each with their own machine — each press may require a different preset. *△ Verify with your Spectre team: confirm whether the brand/model selector can be configured independently per device or location, consistent with the open question carried across 2.3.5 through 2.4.3. This page is the most important place to resolve that question, as the selector directly sets multiple downstream values simultaneously.*

- ☐ Single-press shops: select your model once during initial setup.
- ☐ Multi-press shops: confirm each machine's brand and model separately, and note any that require manual overrides.
- ☐ Multi-location chains: treat brand/model selection as a mandatory step in new-location onboarding alongside account and billing setup.

☁ Scope of This Setting

The brand/model selection and all settings it configures are stored at the account level and sync across devices, consistent with other settings in this chapter. *△ Verify with your Spectre team: confirm per-user vs. per-account/shop scope, and whether the selector result can be overridden per device for multi-press environments — this is the definitive place to resolve the scope question carried across 2.3.5 through 2.4.3.*

Related Sections

- 2.4.3 — Display +/- in pitch tiles: showing direction arrows to avoid errors
- 2.4.2 — Does your machine display forward thumb pitch as positive? Y/N
- 2.4.1 — Does your machine display right pitch as positive? Y/N
- 2.3.6 — Configuring your milling machine orientation: flipping H/V for oval cuts
- 2.4.5 — Next setting in this chapter (*if applicable*)
- 1.x — Getting Started: initial shop setup checklist

Tip: The brand/model selector is the fastest way to get Spectre Cloud aligned with your press — but always spot-check the applied settings against your machine before your first drill session. A two-minute review of 2.4.1–2.4.3 after selecting a preset is cheap insurance against a misdrilled ball.

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Updated 26 May 2026 18:29:56 by Art