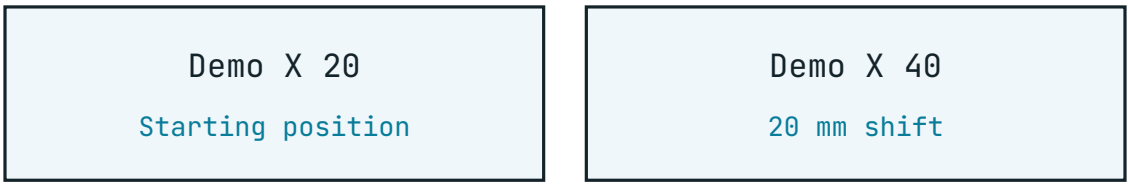
LESSON GUIDE

Using Absolute Coords

Place artwork by workspace coordinates and verify that Job Origin is ignored.

Software practice

Leave **No Machine** selected and stay disconnected. These files retain example operation values for software Preview. They are not tested material settings. Course machine-profile links have been removed from the learner copies.



Move both demo shapes together. Absolute Coords ignores the stored Job Origin anchor.

1. Open **absolute-start.lzrproj** in Run with No Machine selected. Choose **Absolute Coords** under Start From.

2. Read the ignored-Job-Origin helper and open Preview with Show Travel off. Note the tag's workspace location.

3. Close Preview. Temporarily switch to Current Position and choose **Top right**. Return to Absolute Coords and Preview again. The anchor change has no effect.

4. In Design, select both shapes. In Properties use the **bottom-left reference** and change **X 20 to 40**. Keep the 40 x 20 mm size unchanged.

5. Clear selection and inspect Preview again. Both shapes shift 20 mm to the right, keeping the opening and outline together.

6. Save your own copy and compare with **absolute-finished.lzrproj**. Go Machine Zero is a separate head-movement command.

INDEPENDENT PRACTICE

Independent practice

Open **absolute-practice.lzrproj**. Choose Bottom right in Current Position, return to Absolute Coords, then select both shapes and change **X 15 to 35** with the bottom-left Properties reference.

☐ Keep the 30 x 16 mm tag, opening and internal spacing unchanged.

☐ Save a separate copy and compare with absolute-practice-answer.lzrproj.

Which change actually moved the plan?

Does the stored Bottom right job anchor affect Absolute Coords?

How far did the complete practice layout shift?

Keep the comparison meaningful

Preserve the supplied starter. Save your own result separately before opening the answer.

EXPLAINED ANSWERS AND FILES

Explained answers and files

Practice result
Absolute Coords, stored Bottom right and a 20 mm rightward artwork shift. The stored anchor is ignored.

Two references
Properties reference selects which point a coordinate edits. Job Origin chooses an artwork anchor for supported Start From modes.

Geometry
Moving both shapes preserves size and relative spacing. Moving only the outside outline would leave the opening behind.

absolute-finished.lzrproj
Saved demonstration setup, not a completed physical result.

absolute-practice-answer.lzrproj
Compare saved fields and artwork after your attempt.

absolute-practice.lzrproj
Independent starter for this lesson.

absolute-start.lzrproj
Follow the demonstrated setup.

Check that the workspace matches your configured machine before using these coordinates on real stock.

Matches the demonstrated Beam Bench 0.2.37 controls and the corrected ending where applicable. Later panel layouts may differ.