

ShopCalcs FABRICATION SHOP SOFTWARE

Built for the Estimator,
the Planner and the Inspector

Software for the Fab Shop

Since 1987, CEI has built software that keeps America's pressure vessel, heat exchanger and piping industry safe. ShopCalcs brings that to the shop floor, so estimators quote faster, planners waste less plate and quality control (QC) managers can prove every weld.



Nothing to install.

Runs in the browser and on shop-floor tablets, behind your own Microsoft Entra sign-in.



FABRICATION SHOP SOFTWARE WHAT IS SHOPCALCS?

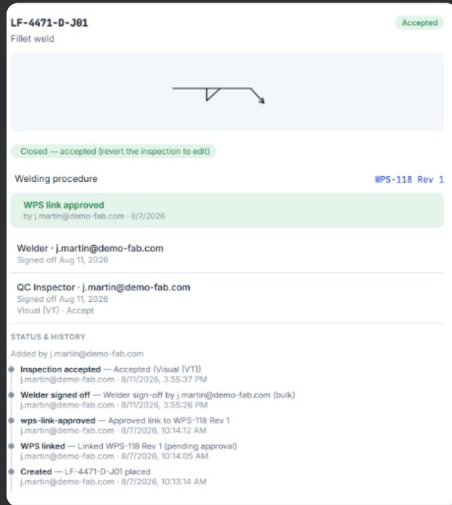
ShopCalcs is one subscription that includes three web-based applications for tank and pressure vessel shops. Vessel Estimator helps estimators quote jobs. Kerfworks helps shop planners nest plate. WeldMap tracks every weld from mapping through welder sign-off and inspection.

In many shops, quoting still lives in a spreadsheet and weld procedure documentation lives in a folder. ShopCalcs gives each job a purpose-built tool. Estimators build the take-off and quote from one model. Planners put usable offcuts back on the shelf. QC managers can show an auditor who signed off every joint.

LEARN MORE: thinkcei.com

CALL US: [816-228-2976](tel:816-228-2976)

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WeldMap · one joint, closed out

SHOPCALCS FABRICATION SHOP SOFTWARE

ShopCalcs is three standalone tools for tank and pressure-vessel shops, one for each stage of a job: Vessel Estimator for the quote, Kerfworks for the cutting table and WeldMap for the inspector's sign-off. Each runs in the browser and keeps its own records.

Every ShopCalcs subscription includes all three apps and is priced per user. Add seats as your shop grows.

QUICK FACTS

✓ Browser-Based

✓ Entra SSO

✓ Audit-Stamped Saves

AVOID THESE PROBLEMS WITH SHOPCALCS



HAND-BUILT QUOTES

Estimators rebuild take-offs and labor hours by hand for every bid.



SCRAPPED OFFCUTS

Usable plate gets scrapped instead of going back on the shelf.



HOURS CHASING RECORDS

QC managers dig through folders to prove who signed what.

SHOPCALCS SOFTWARE APPS



VESSEL ESTIMATOR

Quoting & take-off

For estimators. Build the vessel from its shell, heads, nozzles and supports, and get the material take-off, labor hours and a quoted cost from one model, priced from your own material costs.



KERFWORKS

Plate nesting

For shop planners. Nest parts by true shape with kerf, spacing and grain built in, get the DXF cut file and PDF job drawing, and put usable offcuts back into stock.



WELDMAP

Weld mapping & QC

For welding engineers, welders and inspectors. Place joints on the drawing, get AWS A2.4 symbols drawn for you, approve procedures, sign off welds and record VT / PT / MT / UT / RT results, then export the QC package.

SHOPCALCS SOFTWARE CAPABILITIES

HOSTING & ACCESS

- ✓ Microsoft Entra SSO
- ✓ Role-based access
- ✓ Azure-hosted
- ✓ No desktop install
- ✓ No stored credentials

REPORTS

- ✓ PDF job drawings
- ✓ DXF cut files
- ✓ Printable QC packages
- ✓ CSV / JSON export

TRACEABILITY

- ✓ Grade & thickness on stock
- ✓ Heat numbers & MTRs
- ✓ Audit-stamped saves

CONTROLS

- ✓ Separation of duties
- ✓ Signed joints lock
- ✓ Reverts are recorded

FLOOR-READY

- ✓ Shop-floor tablets
- ✓ Cached drawing viewing
- ✓ Offline sign-off & sync

ALL THREE APPS. ONE SUBSCRIPTION.



EVERY SEAT INCLUDES ALL THREE APPS.



ADD SEATS AS YOUR SHOP GROWS.



AN AUDITABLE TRAIL ON EVERY SAVE.



NOTHING TO INSTALL. RUNS IN THE BROWSER.

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