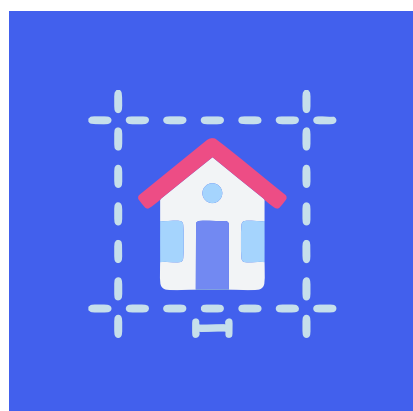


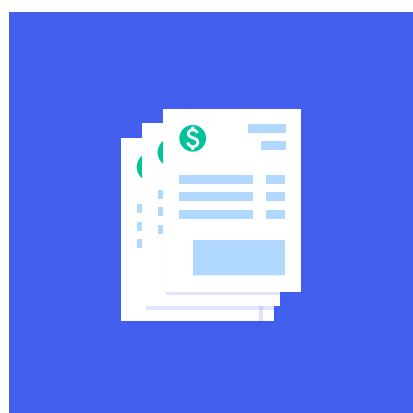
COMPETITOR ANALYSIS

Why Top Plumbing Estimators are Switching to Beam AI



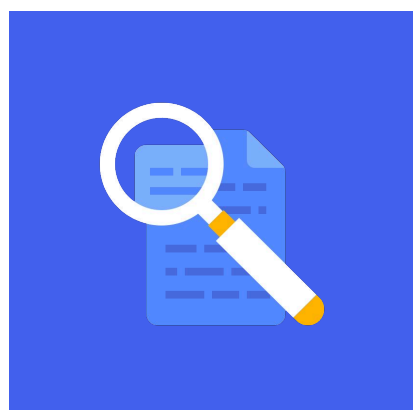
100% automated takeoffs

Beam AI auto-detects specs, symbols, and keyed-in notes to do complete takeoffs for you, just like an estimator would. Our AI-based takeoff software completely automates the process and delivers the final bid-ready takeoffs within 24-72 hours. Beam AI automatically extracts material quantities for you, saving you time and reducing human error.



Full trade coverage

Unlike FastPIPE takeoff, which essentially covers only plumbing, mechanical, and piping trades, Beam AI supports 15+ trades, including HVAC/mechanical, concrete, electrical, plumbing, masonry, flooring, drywall, painting, and more.



















Auto-detect changes across addenda

Beam AI ensures that no last-minute change in takeoff is left behind. It automatically detects and flags last-minute scope changes, auto-picks specs, and keyed-in notes across sheets, leaving no room for multiple rework. In contrast, FastPIPE requires manual input to detect changes when the plan changes.

Beam AI vs FastPIPE:

Detailed Side-by-Side Comparison

Features	Beam AI	FastPIPE
Fully AI-Based Takeoffs	<div> Fully automated via AI with no manual tracing — Upload site plans, define scope, and AI takes off quantities</div>	<div> Manual and semi-automated process — relies on point-and-click or tracing workflows</div>
Mechanical/HVAC and plumbing scope covered	<div> Covers ductwork, fittings, air terminals, dampers, mechanical control components, insulated areas, pipe lengths, hangers & supports, and more</div>	<div> It also covers gas connections, dampers, boilers, chillers, coils, pumps, VRF systems, insulation areas, pipe lengths, and more.</div>
15+ trade coverage	<div> Supports 15+ trades (steel, concrete, HVAC, etc.)</div>	<div> Primarily focused on mechanical, piping, and plumbing trades</div>
No CAD/Revit tools training	<div> No CAD training needed. AI parses site plans and drawing PDFs directly</div>	<div> Requires users to trace or click on objects and learn software such as CAD for an efficient workflow.</div>
Auto-detect changes	<div> Auto-detects spec details, keyed-in notes, material types & quantities from plans</div>	<div> No AI detection — requires manual input. The user must manually interpret specs and trace relevant areas or lines.</div>
QA Reviewed Takeoffs	<div> Takeoffs undergo a quality check by the quality assurance team before delivery</div>	<div> No explicit QA workflow support</div>
Addendum Variance Report (Automated Change Detection)	<div> 24–72 hours turnaround on complete takeoffs</div>	<div> Easily overlay plan addendums to quickly identify new requirements (shows what changed using a simple color-coded system)</div>
Cloud-Based Software	<div> Auto-detects drawing changes between plan versions, highlights impacted quantities and generates variance reports. Saves rework time. Users can also compare two addendum versions</div>	<div> Desktop-native and cloud-based software, but collaboration requires manual file sharing or network setup</div>

Why Beam AI is a clear winner

Parallel processing of multiple takeoffs

Beam AI helps you boost your bid submission by 2x because AI processes multiple takeoffs in parallel, and you are able to pursue more work in the same time. Beam AI acts like a full-time estimator, without adding another member to your team. You can easily regain 15–20 hours a week and focus on high-impact tasks.

Automatic adjustments for scope changes

Beam AI streamlines the revision process by automatically detecting changes in drawings, eliminating the need to start from scratch. Simply upload the updated plans, and the AI will highlight every modification, allowing you to quickly identify new details, saving hours of manual review and reducing costly errors.

Built-in Quality Checks

With Beam AI, all your takeoffs are delivered with guaranteed $\pm 1\%$ of your in-house takeoff accuracy, so that you do not have to spend time double-checking the takeoffs.

Automate Your Takeoffs With Beam AI

Over 900+ businesses across US & Canada trust Beam AI for fully done, automated takeoffs. Join this community today!

[BOOK A DEMO](#)