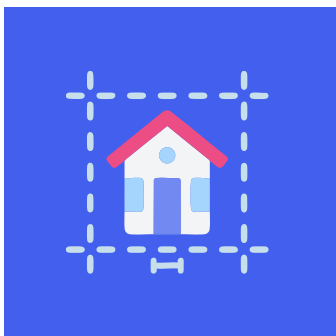


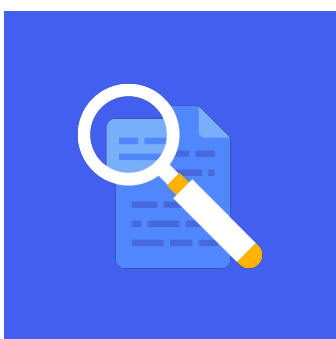
COMPETITOR ANALYSIS

Why Beam AI Takeoff Software is the Best Tekla Quantity Take-off Alternative



100% Automated Takeoffs

Unlike Tekla Quantity Take-off, where automation is primarily done with 3D BIM models, Beam AI provides fully automated takeoffs. AI reads PDFs and extracts quantities & spec details. Estimators simply upload drawings and define scope—Beam's AI handles the rest, delivering ready-to-use quantities within 24–72 hours.



Addendum Variance Report (Automated Change Detection)


Beam AI auto-detects drawing changes between plan versions, highlights impacted quantities, and generates variance reports. Users can also compare two addendum versions, whereas Tekla Quantity Take-off does not provide native automated variance reporting for addendums, model changes are handled manually by editing the BIM model.



Full Trade Coverage

Unlike Tekla Quantity Take-off, which focuses on BIM-modeled trades (e.g., structural steel, rebar, concrete, timber, and glass) via Tekla Structures, Beam AI supports 15+ trades, including HVAC/mechanical, concrete, electrical, plumbing, masonry, flooring, drywall, painting, and more.

Beam AI Vs. Tekla Quantity Take-Off: Detailed Comparison

Differentiator	Beam AI	Tekla Quantity Take-off
Fully AI-Based Takeoffs	<div> 100% AI-based takeoffs – Fully automates takeoffs for material quantities across multiple trades with ±1% of your in-house accuracy. Simply upload PDF plans, define the scope, and AI handles the rest.</div>	<div> Does not provide 100% AI-based takeoffs; automation is primarily done with 3D BIM models.</div>
15+ Trades Covered Completely Using AI	<div> Covers 15+ trades– HVAC, concrete, rebar, electrical, plumbing, earthwork, and more.</div>	<div> Focused on BIM-modeled trades (e.g., structural steel, rebar, concrete, timber, and glass) via Tekla Structures.</div>
QA Before Delivery	<div> Reviewed by the quality assurance team, guaranteeing ±1% of your in-house takeoff accuracy.</div>	<div> Accuracy depends entirely on BIM model quality; no external human QA layer for final deliverables.</div>
2D Plan Takeoff Capability	<div> Fully automated, AI reads PDFs and extracts quantities & spec details</div>	<div> Limited - 2D support requires manual input or conversion to a 3D model. Quantities are generated from a 3D BIM model, ensuring consistency between the model and deliverables.</div>
Addendum Variance Report (Automated Change Detection)	<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> No native automated variance reporting for addendums; model changes are handled manually by editing the BIM model.</div>
Color-Coded Visual Markup of Takeoff Areas	<div> Produces visual sitemaps with color-coded quantities linked to drawing areas for clear review.</div>	<div> While Tekla provides 3D visualization, it does not offer PDF-linked, color-coded 2D visual markup export.</div>
Parallel Processing Of Multiple Takeoffs	<div> Processes multiple takeoffs simultaneously</div>	<div> Takeoffs are processed individually</div>

Why does Beam AI Outperform Tekla Quantity Take-off



100% AI Automated Takeoffs

No more hours spent sitting in front of the screen to do takeoffs. Beam AI fully automates takeoffs so that estimators can spend more time on value engineering, raising tender queries, and collaborating with stakeholders. Save 90% of the time while boosting bid volume up to 2x.



Built-in Quality Checks

Beam AI guarantees $\pm 1\%$ of your in-house takeoff accuracy so that every takeoff is comprehensive and accurate. The AI takes off the quantities, reviewed by a quality assurance team, and delivers your takeoff in 24-72 hours, depending on the scope and complexity of the project.



Boost Bids Without Increasing Workload

Unlike Tekla Quantity Take-off, Beam AI lets you run multiple takeoffs simultaneously, enabling you to submit up to 2x more bids without increasing the headcount.

Get Your First AI Takeoff

900+ Businesses

Trust Beam AI to Automate Takeoffs & Bid More Projects

[BOOK A DEMO](#)

