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## COMPETITOR ANALYSIS

# Why Competitors Are Choosing Beam AI Over Autodesk Takeoff



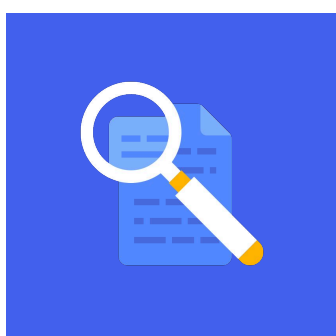
### Completely Automated Takeoffs

Unlike Autodesk Takeoff, which offers a semi-automated/ hybrid takeoff solution that supports both 2D plans and 3D BIM models, Beam AI offers fully automated, AI-based 2D takeoffs with no manual tracing required. Estimators simply upload drawings and define scope—Beam’s AI handles the rest, delivering ready-to-use quantities within 24–72 hours.



### Full Trade Coverage

Unlike Autodesk takeoff, where trade coverage is reliant on user-defined categories and BIM model content, Beam AI supports 15+ trades, including HVAC/mechanical, concrete, electrical, plumbing, masonry, flooring, drywall, painting, and more.



### Automated Addenda Handling

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, whereas Autodesk takeoff provides takeoff snapshots and version control, but no explicit automated addenda handling feature is enabled. Users need to manually compare and adjust takeoffs accordingly.

# Autodesk Takeoff vs Beam AI:

## Feature-by-feature comparison

Features	Beam AI	Autodesk Takeoff
Fully AI-Based Takeoffs	<div>✓</div> <div>Fully automated via AI with no manual tracing – Upload site plans, define scope, and AI takes off quantities.</div>	<div>✗</div> <div>Semi-automated – still requires manual selection in 2D; automation primarily through 3D BIM integration</div>
QA Reviewed Takeoffs	<div>✓</div> <div>Takeoffs undergo a quality check by the quality assurance team before delivery</div>	<div>✗</div> <div>No explicit QA workflow mentioned</div>
Takeoff Delivery Timeline	<div>✓</div> <div>24–72 hours delivery after uploading the scope doc with spot-on accuracy</div>	<div>✗</div> <div>Instant for 3D model, but 2D takeoffs require manual setup – delivery time depends on user effort</div>
Multi-Trade Coverage	<div>✓</div> <div>Supports 15+ trades (steel, concrete, HVAC, etc.)</div>	<div>✗</div> <div>2D and 3D quantities are available across projects, but trade coverage is reliant on user-defined categories and BIM model content.</div>
Automated Addenda Handling	<div>✓</div> <div>Auto-detects and flags changes across multiple addenda and lets you easily compare different versions of the takeoff</div>	<div>✗</div> <div>Provides takeoff snapshots and version control, but no explicit automated addenda handling is mentioned. Manual comparison and adjustments are required.</div>
Cloud-Based Software	<div>✓</div> <div>Yes</div>	<div>✓</div> <div>Yes</div>
Apply Custom Calculations and Classifications	<div>✓</div> <div>Basic grouping feature available</div>	<div>✗</div> <div>Full formula &amp; classification tools provided</div>
Model & Drawing Support	<div>✗</div> <div>2D PDF upload only, with no BIM/3D model integration</div>	<div>✓</div> <div>Combines 2D sheet takeoff with full automated BIM (3D model) takeoffs</div>
Manual Controls/Customization	<div>✓</div> <div>Advanced editing capabilities like reclassifying, adding features, trimming, and more</div>	<div>✓</div> <div>Offers manual 2D markup, custom formulas, classification systems, and BIM symbol recognition via AI</div>
Export Formats	<div>✓</div> <div>Excel, PDF, Screenshots, supplementary files, view-only shareable link</div>	<div>✗</div> <div>Exports only to Excel format</div>
Team Collaboration	<div>✓</div> <div>Add and share takeoff access internally with multiple team members.</div>	<div>✗</div> <div>Full formula &amp; classification tools provided</div>

# Why Choose Beam AI



## 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 the quality assurance team, and delivers your takeoff in 24-72 hours, depending on the scope and complexity of the project.



## 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.

# Get Your First AI Takeoff

900+ businesses trust Beam AI to automate takeoffs and bid faster. **Talk to us** and get started with a free AI takeoff to see the difference.

[BOOK A DEMO](#)

