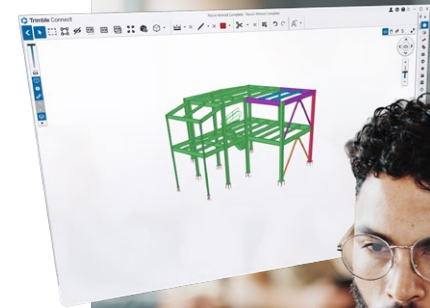
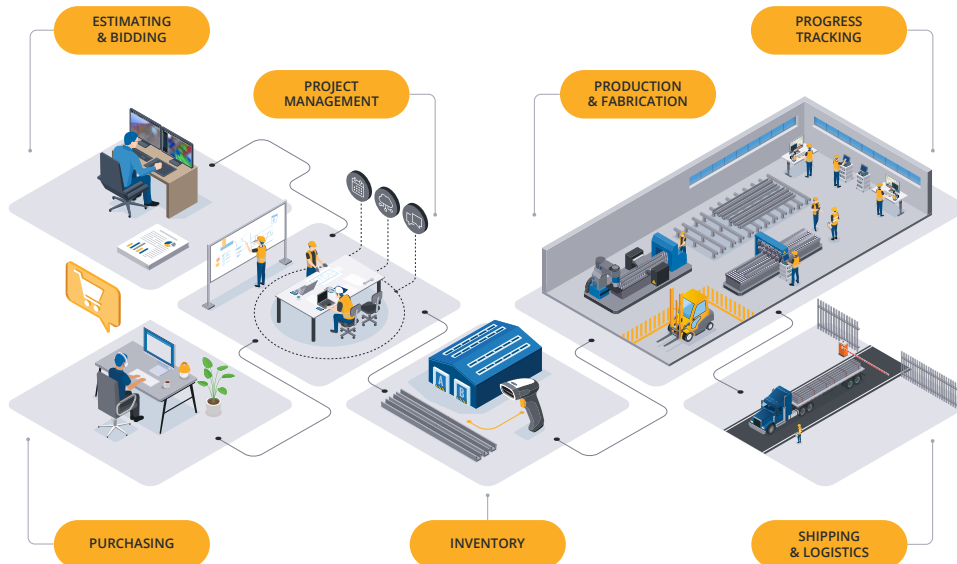


Tekla PowerFab: Connected Steel Fabrication

Stop Chasing Information.
Start Fabricating Profit.

Connect your estimating, detailing, and production into a single, real-time fabrication management suite.

Traditional steel fabrication is plagued by information silos and gaps. Estimators spend countless hours on take-offs, project managers scramble for the latest drawings, shop workers search for material, and the foremen put out fires. When information isn't readily available, mistakes happen, uninformed decisions are made, materials are wasted... and margins shrink.



The Solution

Tekla PowerFab is a complete, model-based fabrication management system designed specifically for structural and miscellaneous steel fabricators. Your entire team operates from a single source of truth, enabling fully informed decision-making, reduced errors, and maximum profit for your business.

ROI: The Bottom Line

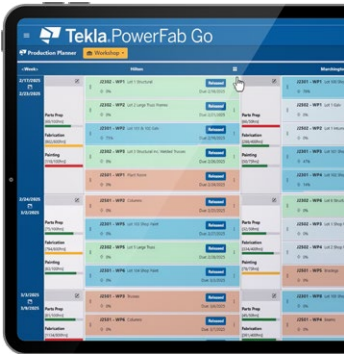
✗ Critical Problems Eliminated
Guesswork and inaccurate material/labor take-offs during project bidding
Material waste and high scrap rates from unoptimized linear and plate nesting
Scattered spreadsheet inventory tracking and misplaced heat numbers
Costly office-to-shop communication gaps and manual data entry errors
Missing materials and cut lists cause shop-floor downtime
Trailer loading errors and confusion over what has actually shipped to the site
✓ Operational Gains & Positive Outcomes
Highly accurate estimates based on current material costs and historical labor data
Advanced nesting capabilities that maximize material yield before purchasing
Automated material traceability and digital heat number compliance
Direct integration with CNC machinery and automatic cut-list generation
100% paperless shop-floor progress tracking via mobile devices
Seamlessly share 3D project status updates with clients and the project team
Streamlined load planning and digitized shipping verification

Key Pillars of Value

- **All-In-One Solution:**
Replacing fragmented systems creates a seamless digital thread that connects the office, detailing team, and shop floor.
- **Maximum Efficiency and Shop Mobility:**
Drive shop-floor productivity and drastically reduce errors with real-time data and paperless tracking via mobile devices.
- **Increased Clarity and Communication:**
Clearly visualize status updates by driving the fabrication process directly from the 3D BIM model.
- **Streamlined Traceability and Compliance:**
Simplify quality control with streamlined tracking of heat numbers, material certifications, and production cuts, gaining a competitive edge when bidding on strict commercial or government contracts.

Stop Chasing Information. Start Fabricating Profit.

Ready to eliminate guesswork, optimize resource utilization, and scale your fabrication business?



Scan the QR code or visit the link below to request a personalized walkthrough of Tekla PowerFab with a Trimble expert.

