

Fitter/Fabricator

Role Overview

We are seeking experienced **Fitters** to join our team. In this role, you will turn engineering drawings into accurately fitted steel components and machinery assemblies used in sawmills across the globe. Your primary focus will be the layout, fit-up, alignment, and assembly of heavy-duty steel components for log decks, conveyors, trimmers, stackers, edgers, carriages, and automated handling systems. You will work from engineering drawings to position and secure components to specified dimensions and tolerances. This hands-on role requires strong blueprint-reading skills, mechanical aptitude, precision, and a commitment to quality and safety. Tack welding and welding will support fitting and assembly as required.

What You'll Do

Layout and Preparation

- Read and interpret engineering drawings, fabrication details, dimensions, tolerances, and welding symbols.
- Measure, mark, and lay out steel components, reference points, holes, and attachment locations to drawing specifications.
- Plan fitting and assembly sequences and prepare components for structural frames, conveyors, chutes, and supports.

Fitting and Alignment

- Position, fit, and assemble heavy steel components using clamps, jigs, fixtures, and appropriate material-handling equipment.
- Check dimensions, squareness, level, and alignment throughout fit-up and assembly using precision measuring tools.
- Identify and resolve fit-up issues, adjust components within specified tolerances, and report drawing or material discrepancies.
- Coordinate with welders to maintain dimensions and alignment through final welding, accounting for weld access and distortion.

Tack Welding and Fabrication Support

- Tack-weld fitted components to secure their position for final welding, and perform MIG, TIG, and stick welding as required to support fabrication and assembly.
- Cut, grind, and clean components as needed to achieve proper fit-up and prepare assemblies for further fabrication.

Tool and Equipment Operation

- Operate overhead cranes, forklifts, cutting torches, plasma cutters, and other shop equipment.
- Use hand and power tools safely and accurately.

Safety and Quality

- Follow all company safety policies and procedures, including PPE requirements.
- Inspect fitted components and completed assemblies for dimensional accuracy, alignment, and compliance with drawing specifications.
- Maintain a clean, safe, and efficient work environment.

What You Bring

- 3+ years of fitting experience in an industrial fabrication or manufacturing environment.
- Strong ability to read mechanical blueprints, interpret fabrication details and welding symbols, and plan assembly sequences.
- Demonstrated experience fitting and aligning heavy steel assemblies, with practical tack-welding skills and certification or demonstrated experience in MIG, TIG, and stick welding.
- Proficiency with measuring tools, jigs, fixtures, and industrial fabrication equipment for checking dimensions, squareness, and alignment.
- Strong attention to detail, with the ability to work to tight tolerances.
- Mechanical aptitude and good spatial awareness.
- Ability to work both independently and as part of a team.
- Willingness to work overtime and occasional weekends as required.
- Occasional travel may be required.

About Us

TS Manufacturing is a Canadian, family-owned business located in the scenic City of Kawartha Lakes. For over 50 years, we've specialized in designing and manufacturing automated equipment for the Sawmill and Material Handling industries. Our production facility is over 80,000 square feet and equipped with state-of-the-art tools and technology.

Applicants are encouraged to view our website, www.tsman.com as well as our YouTube channel <http://www.youtube.com/user/tsmanufacturing>.

Why Work With Us?

At TS Manufacturing, you're not just a number — you're part of the team. We offer:

- Competitive hourly wages
- Overtime pay after 40 hours per week
- Comprehensive health, dental, and extended benefits
- Company pension plan
- Life and disability insurance
- Modern facility and excellent work environment
- A rural lifestyle with a global industry impact

Apply Today

Submit your resume and cover letter to Careers@TSman.com

TS Manufacturing is committed to providing an inclusive and accessible workplace. Accommodations are available upon request throughout the hiring process.

Use of AI in recruitment: We use artificial intelligence (AI) tools to assist with screening and assessing resumes. All hiring decisions are made by our hiring team.