



Optimization Startup Specialist

Role Overview

We are seeking an experienced **Optimization Startup Specialist** to plan, commission, tune and support sawmill optimization systems. This home-based Eastern Canada role works closely with software developers, controls personnel, electrical and mechanical teams, and customer operations staff. The successful candidate will be comfortable taking practical ownership of a startup while clearly documenting issues and, when required, escalating product-related concerns with supporting technical evidence.

What You'll Do

- Plan and execute startups and commissioning for sawmill optimization systems.
- Confirm site readiness, software deployment, network connectivity, PLC signals, scanner inputs, encoders, calibration, geometry and system configuration.
- Run dry tests and production trials, tune operating parameters, and validate optimizer decisions against production results.
- Diagnose application, database, industrial-network, PLC, scanner and site-configuration problems using logs, measurements and controlled tests.
- Coordinate issue lists and technical escalation with developers, controls personnel, electrical and mechanical teams, and customer representatives.
- Train operators, maintenance personnel and supervisors on normal operation, diagnostics and recovery procedures.
- Maintain backups, startup records, acceptance results, punch lists and concise site reports.
- Provide remote follow-up and customer support after commissioning.

What You Bring

- Significant hands-on experience commissioning or supporting sawmill optimization or closely related industrial automation systems.
- Ability to work independently and make sound decisions in active industrial environments.

- Understanding of lumber manufacturing processes.
- Practical understanding of PLCs, laser scanners, encoders, industrial networks and production equipment.
- A disciplined troubleshooting method based on evidence, controlled changes and clear documentation.
- Strong customer communication and training skills, with the ability to keep teams aligned during a startup.
- A valid driver's licence and passport, and the ability to meet customer safety and PPE requirements.
- Availability to travel frequently within Canada and the United States.

Experience That Will Set You Apart

- Optimization for trimmers, board edgers and gangs, log lines, merchandisers, slab systems or course-makeup equipment.
- JoeScan, LMI or other laser-scanning platforms, encoder-based systems and calibration experience.
- C# and .NET applications, SQL databases, Windows services and industrial networking.
- Strong computer skills, including experience building and maintaining PCs.
- Experience supporting production acceptance, performance tuning and customer handover.
- Professional working ability in both English and French.

Work Location and Travel

This is a home-based field role for an experienced candidate located in Ontario, Quebec or the Maritimes. Regular travel to customer sites is an important part of the position.

Whenever possible, travel is scheduled with at least 1.5 to 2 weeks' notice, although urgent customer situations may occasionally require shorter notice. All required travel expenses are covered by the company.

Occasional visits to our Lindsay office may also be required for planning, training or team collaboration.

About Us

TS Manufacturing is a family-owned Canadian company and global leader in automated machinery for the sawmill and bulk material handling industries.

Our optimization team develops industrial software for sawmill processes including trimmers, board edgers, gangs, log lines, merchandisers, slab systems and course-makeup equipment.

Applicants are encouraged to view the 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:

- Base salary of \$90,000 to \$120,000 per year, based on relevant experience and demonstrated capabilities.
- Commissioning work paid at hourly rates, including applicable overtime and site bonuses.
- All required travel expenses covered by the company.
- Company pension & comprehensive benefits (health, dental, disability, life)
- Overtime after 40 hours
- Modern, well-equipped manufacturing and assembly facilities
- Career growth and training opportunities in a family-oriented, global company

Apply Today

Please submit your resume and a short note describing the experience most relevant to this position to Careers@TSman.com