



Mechanical Designer

Job Description

TS Manufacturing, a local family-owned manufacturer of Automated Machinery for the Sawmill & Material Handling sector, based in the scenic City of Kawartha Lakes. As an industry leading manufacturer, TS Manufacturing has continually improved its facilities and infrastructure leading to the completion of a multi-million-dollar facility and equipment expansion culminating in the expansion of its 70,000 square foot manufacturing facility. With modern technology, and a strong global customer base we require people who are willing to take advantage of the opportunities to improve our processes and customer experiences throughout the organization including Project Manager. In this role, you will get the opportunity to work with customers on almost every continent worldwide; as well as occasionally interfacing with engineering staff at one of our 3 other facilities worldwide – including New Zealand, and North Carolina. Currently Celebrating 50 years in business with an experienced multi-generational team; TS Manufacturing offers a rural based lifestyle, while working in a global reaching, pandemic essential business; offering competitive pay and benefits.

The successful candidate will possess strong general mechanical skills to work in our design office in Lindsay, Ontario. Based on the candidates experience they will use their skills to successfully take projects from design managers and prepare designs for final issue to our in-house manufacturing department. In addition, they will provide shop and installation support for manufacturing personnel and customers.

Key Duties include

- Autodesk Auto/CAD and/or Inventor. CAD detailed design and detail of mechanical, Pneumatic/hydraulic systems and materials
- Independent and team efforts on large multi-discipline industrial automation equipment design and detail projects.
- Lead/coordinate/communicate with detailers as a term to complete design project for manufacturing within the TS Manufacturing facility.
- Be a part of a team that: Completes the design cycle (Kick Off Meeting, Product Selection, Design, Detail, Check, Markup, Approval, Bill of Materials, Issuing, General Assembly Drawings and Fabrication/Assembly Technical Shop Support.
- Participate in pre/post-design reviews
- Complete as-built drawing mark-ups with plant assembly input.
- Project documentation*(Depending on the candidate's strengths-subject to vary slightly).

Desired Skills & Experience

- Minimum 2-year Dip. Eng. Technology – Mechanical
- 2-4 years Minimum design/detailing experience in related industries
- Working Experience in one or more of the following specialties areas:
- Manufacturing design as it relates to fabrication/assembly of automated equipment.
- Knowledge and understanding of manufacturing routing (Plasma/Laser, Bender, Shear, Fabrication, Paint, Machining, Assembly).
- Knowledge and understanding of Motors, Drivetrains, Gearboxes, Sprockets/Chains, Pneumatics, Hydraulics, Electrical Controls Devices etc.
- Knowledge and understanding of Steel and Plastic material products used in manufacturing of large, automated machines and production lines.

- Sheet Metal flat panel developments
- Ability to work in a multi-disciplinary team (both internal and remote), including mechanical, structural, electrical, instrumentation, fluid power and CAD support.
- Fully versed in Autodesk Auto Cad 2015 or later is required.
- Advanced experience with Autodesk Inventor 2015 or later is preferred.
- Working knowledge and experience with Drafting fundamentals and practices.
- Microsoft Office 2012 or later
- Excellent verbal and written communication skills
- Ability to work extra hours to ensure a successful project when required.
- Be willing and able to travel globally to job sites to provide technical support.

Company Description

TS Manufacturing is a private family owned and operated company in Lindsay, Ontario. For over 40 years, TS has been a worldwide industry leader in rugged, automated machinery in various industries, but most notably sawmill, pulp & paper, biomass, and bulk material handling industries. We design and manufacture in house and provide anything from a small single machine center up to multi-million dollar turn-key installations. Our product line is rather vast, and includes all sorts of multi-axis automated machines, including, troughed idler conveyors, Lumber Board Edger's, Headrig Saws, Stacking Lines, Lumber Trimming Lines, Sorting Systems, and the list goes on. Applicants are encouraged to view the website, www.tsman.com as well as our YouTube channel <http://www.youtube.com/user/tsmanufacturing>.

What we Offer

Working with TS Manufacturing is a unique chance to take part in a growing company with projects all over the world. Our family-oriented company ensures that you are not just a number, but a part of that family, where you are a part of an industry leading team of people all after a common goal. To be the best.

All TS Employees are offered:

- An opportunity to be part of a fast-paced, energized and rewarding team environment
- Competitive hourly wage and benefit package with X1.5 OT after 40 hours/week.
- Company sponsored parties and social gatherings
- Ability to live and work in the Heart of the Kawarthas

Locale

TS Manufacturing is [located right in the centre of the Kawarthas](http://www.explorekawarthalakes.com). Just over 60 minutes to the GTA, and in close proximity to Hwy 115 and 401, Peterborough, Toronto, and all major Ontario Cities - they are easily within reach providing options for those who prefer the big city amenities, as well as those who prefer the small-town easy-going pace. For more information about Lindsay and the surrounding area, please visit <http://www.explorekawarthalakes.com>.

If you think you should be a part of our engineering, trade or sales team for the mission above, email your resume with cover letter, detailing why you should be working for TS Manufacturing, to:

Email: Careers@TSman.com

Interested applicants can submit their resume, in absolute confidence, to Careers@tsman.com.

Applicants are encouraged to view our website www.tsman.com