



Servosteel

Job Description

Job Title: Laser CAD/CAM Programmer

Responsible to: Laser Division Manager

Role Overview

The primary role of the Laser CAD/CAM Programmer is to develop and optimise CNC programs for flatbed lasers and press brake, production schedules, and material utilisation strategies to support efficient, profitable, and high-quality manufacturing operations.

The position combines strong CAD/CAM programming capability with technical problem-solving, production planning, purchasing coordination, and operational support. The successful candidate will be responsible for interpreting customer drawings, creating manufacturing programs, allocating materials, supporting quotations, managing production priorities, and ensuring customer requirements are achieved through effective communication and collaboration.

The role requires close collaboration with the Laser Division Manager and the wider Laser team to ensure work is programmed, planned, and delivered safely, efficiently, and to the highest standards.

Key Responsibilities

CNC Programming & Process Optimisation

- Create, develop, and optimise CNC programs to ensure efficient, accurate, and cost-effective production.
- Generate programs that maximise machine utilisation, productivity, and quality output.
- Continuously review programming methods and strategies to improve efficiency.
- Ensure all programs are developed in accordance with customer requirements, material specifications, and manufacturing capabilities.
- Support continuous improvement initiatives focused on cycle time reduction, productivity improvement, and cost optimisation.

CAD/CAM Development & Technical Support

- Perform CAD/CAM programming and development activities to support manufacturing requirements.
- Interpret customer drawings, specifications, and technical data to create accurate manufacturing programs.
- Support the introduction of new products, processes, and programming methods.
- Maintain accurate program documentation and revision control.
- Identify opportunities to improve programming standards, workflows, and production efficiency.

Technical Query Resolution

- Review and interpret engineering drawings, specifications, and customer requirements.
- Investigate and resolve technical and drawing-related queries in collaboration with customers and internal stakeholders.
- Provide technical support to sales, estimating, production, and quality teams.

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www.servosteel.com



Servosteel is a trading name of Steelstrip Services Ltd. Registered in England and Wales No. 04797346

Registered office and trading address – Pensnett Road, Dudley, West Midlands, DY1 2HA

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- Ensure customer requirements are fully understood and communicated throughout the production process.

Quotation & Commercial Support

- Support the estimating function by providing technical input relating to manufacturing methods, material utilisation, and processing requirements.
- Investigate and resolve technical issues impacting quotations.
- Ensure manufacturing methods and material requirements are commercially viable and operationally achievable.
- Collaborate with estimators and sales teams to maximise profitability and customer satisfaction.

Material Planning & Stock Utilisation

- Allocate materials strategically to maximise utilisation and minimise waste.
- Support effective stock management through efficient nesting and material allocation.
- Identify opportunities to improve stock turnover and reduce excess inventory.
- Ensure material selections support customer requirements whilst optimising operational efficiency.

Supplier & Purchasing Management

- Place purchase orders with approved suppliers for required materials.
- Liaise with suppliers to ensure material availability aligns with production requirements.
- Monitor supplier performance relating to quality, cost, and delivery.
- Escalate supply issues that may impact production schedules or customer deliveries.

Production Planning & Schedule Management

- Develop and manage production schedules to meet customer requirements and business objectives.
- Prioritise workloads to maximise equipment utilisation and on-time delivery performance.
- Ensure production plans are communicated effectively to operational teams.
- Monitor production progress and adjust schedules where required to maintain customer commitments.

Operational Communication & Collaboration

- Work closely with internal team and suppliers to deliver production plans.
- Communicate production priorities and scheduling changes effectively.
- Support operational teams in achieving productivity, quality, and delivery targets.
- Foster strong cross-functional relationships to ensure efficient workflow and customer satisfaction.

Production Issue Resolution & Rework Management

- Troubleshoot production issues to minimise downtime and disruption.
- Investigate manufacturing problems and implement corrective actions.
- Manage rework activities to ensure quality standards are maintained whilst minimising delays and costs.
- Escalate significant operational issues that may impact customer delivery commitments.

Quality & NCR Management

- Investigate customer NCRs (Non-Conformance Reports) and quality concerns promptly.

- Identify root causes and implement corrective and preventative actions.
- Ensure all NCR activity is recorded, monitored, and closed out appropriately.
- Work collaboratively with customers and internal teams to maintain product quality and customer satisfaction.
- Support continuous improvement activities aimed at reducing defects and improving process capability.

Principal Requirements

- Ability to read and interpret engineering drawings and technical specifications.
- Proven experience using CAD/CAM software within a manufacturing environment.
- Experience programming CNC laser cutting equipment and associated processing machinery.
- Understanding of nesting software and material utilisation strategies.
- Knowledge of ferrous and non-ferrous material specifications.
- Ability to manage production schedules and prioritise workloads effectively.
- Strong commercial awareness and understanding of manufacturing costs.
- Excellent problem-solving and analytical skills.
- Strong communication skills with both customers and internal stakeholders.
- Excellent organisational skills and ability to manage multiple priorities.
- High level of attention to detail and commitment to quality standards.

Personal Attributes

- Positive and solutions-focused mindset.
- Strong technical and analytical capability.
- Commercially aware with a continuous improvement mentality.
- Ability to work effectively under pressure and meet deadlines.
- Professional approach when dealing with customers, suppliers, and colleagues.
- Strong team player with the ability to collaborate across departments.
- Self-motivated and proactive in identifying opportunities for improvement.

Additional Duties

- Carry out other duties as requested by management in support of the Laser Services team.

Experience

- MIN 2 years' experience in CNC laser programming within a sheet metal manufacturing environment.
- Experience with Amada Dr ABE production software is preferred.

What Servosteel Offers

The successful candidate will receive:

- A competitive salary.
- Cash health plan.
- PRP and Profit Share Scheme.
- Opportunity to develop and progress within an established and growing organisation.

Interested candidates should submit their CV to **Alex Preece** at: apreece@servosteel.com



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