

## Career Opportunity

### Mechanical Designer

Brunette Machinery Company is a leading supplier of wood processing machinery for the Biomass/Pellet and Forestry Industries.

We are looking for a full-time **Mechanical Designer** based in our Head Office in Surrey, BC. You will be part of our Engineering and Product team for the design, detailing, and layout of new and existing capital equipment, its manufacturing components, and sales quotations. Previous experience in a machine shop environment will be an asset.

#### Qualifications:

- **Minimum (4) yrs. of experience in machine design in manufacturing environment**
- **Minimum (3) yrs. of experience with SolidWorks and 3D modeling**
- Strong computer skills with extensive experience using AutoCAD and Microsoft Office
- Experience with checking drawings
- Able to travel within North America as required

#### Responsibilities:

- Provide Mechanical Designs, i.e., 3D Models / GA and Layout Drawings / Detail Drawings
- Work closely with Engineering, Sales and Production teams in the preparation of designs, quotations, and manufacturing drawings
- Process Engineering Change Orders (ECO).
- Check drawings for conformance to industry drafting standards and design compliance
- Generate detailed cut-lists and BOM's from completed drawings
- Incorporate information from verbal discussion, drawings, sketches, photos, etc. into detail fabrication, manufacturing drawings, and sales quotation drawings
- Create design drawings and problem-solving concepts by investigating and analyzing customer specific problems
- Ensure form, fit, and function of multiple components
- Cost estimates and "Value" Engineering

#### Skills:

- Functional & competent in dimensional tolerancing, machining finish, and welding procedures
- Proven ability to conceptualize in 3D
- Ability to manipulate and organize large multiple parts in Solid Works
- Experience and understanding in manufacturing processes, i.e., casting, forging, forming, fabrication, machining, and assembly
- Machine component selection and drive design
- Understanding of pneumatic and hydraulic systems
- Knowledge and experience working in the Forest Industry is an asset
- Excellent English communication skills (written and verbal)

Benefits include (after a probationary period):

- Medical benefits including vision and dental
- RRSP Matching program

If you are interested in this position, please email your resume and salary expectations to: [careers@brunettemc.com](mailto:careers@brunettemc.com)

**Only shortlisted candidates will be contacted.**

**Phone calls from agencies and solicitors will not be accepted.**