



Vicon Machinery

Where Superior Duct Work Begins.

Job Title: Mechanical Drafter

Location: Pevely, MO

Department: Engineering / Drafting

Position Summary

Vicon Machinery is seeking a detail-oriented and skilled **Mechanical Draftsman** to support our HVAC fabrication machinery projects. This role is responsible for translating design concepts and in to highly accurate technical drawings used for manufacturing and installation. Proficiency in CAD software and a solid understanding of sheet metal processes are essential. The ideal candidate is comfortable interpreting engineering plans, generating fabrication details, and producing 2D or 3D models for efficient production and coordination.

Key Responsibilities

- **Create Detailed Shop Drawings:**
Develop precise drawings for HVAC sheet metal systems using CAD software (AutoCAD, SolidWorks, or similar), including material specifications, dimensions, and fabrication methods.
- **Develop Fabrication Details:**
Produce flat patterns and layout drawings to support bending, cutting, punching, and forming processes for sheet metal components.
- **Interpret Manufacturing Documents:**
Analyze architectural and engineering plans, specifications, and submittals to produce accurate and compliant drawings for manufacturing and installation.
- **Ensure Drawing Accuracy and Clarity:**
Confirm that all drawings contain clear dimensions, tolerances, material callouts, and other fabrication and installation notes necessary for successful project execution.
- **Assist with Material and Labor Estimation (as needed):**
Support estimation efforts by identifying materials and calculating labor requirements based on shop drawings.

Sales & Service
1801 Arctic Avenue
Bohemia, NY 11716
Phone: (631) 563-7234
Fax: (631) 563-7239

Sales, Manufacturing, & Service
(Coil Lines, Rollform, Duct Fabrication)
1180 Mason Circle N
Pevely, MO 63070
Phone: (636) 349-8999
Fax: (636) 326-2097

Sales, Manufacturing, & Service
(Plasma, Laser, Software)
10248 Mercer Pike
Meadville, PA 16335
Phone: (814) 333-2181
Fax: (814) 333-2353

Required Skills & Qualifications

- Proficiency in CAD software such as AutoCAD, SolidWorks, etc.
- Knowledge of sheet metal fabrication processes and HVAC system components
- Ability to read and interpret production blueprints and specifications
- Strong attention to detail and accuracy
- Effective communication and coordination skills
- Knowledge of SMACNA standards is a plus
- Degree or certification in Drafting, Engineering Technology, or related field preferred, but equivalent experience will be considered

Why Join Vicon?

- Work on innovative HVAC fabrication equipment projects that shape the industry
- Competitive compensation and benefits package
- Opportunities for training, growth, and advancement
- Supportive and collaborative work environment

To Apply:

Please send your Curriculum Vitae (CV) to info@spiral-helix.com

Vicon Machinery, LLC is an equal opportunity employer.

We celebrate diversity and are committed to creating an inclusive environment for all employees.