



Toolmaker I

Pay range: \$25-35/hr DOE

**This position is located in Syracuse, NY

Bluefors and Cryomech have recently joined innovative forces to become a world leader in cryogenic technology and manufacturing. Now, as the new Bluefors, a company of 600 professionals from 50+ different nationalities and growing, we are proud to continue serving quantum technology, scientific and other select industries throughout the world.

Bluefors is a Finnish-based company formed in 2008 and quickly became a market-leader in ultra-low temperature systems. We design, customize and manufacture measurement systems that can provide a clean and quiet environment for scientific research. Cryomech, a world leader in cryocoolers and cryogenic systems, has been a Syracuse-based high-tech manufacturer since 1963, and will continue to be the brand of product lines from Syracuse.

Together we have a strong focus on the quantum computing and information community, and we are here to support scientists and industries go further in their endeavors. For this we have brought together the best minds from a variety of fields. Here we are curious to the core, have wide-range expertise, and have one mission: progress. Together we deliver systems all around the world and the markets for our products are constantly growing.

Position Summary

Listed work hours: 7:00 am - 3:30 pm

This position exists to produce prototype parts to prove new concepts and theories for new cryogenic products or component parts and tooling for this environment. The person in this position will be responsible for the machining and finishing of intricate parts and must have the ability to machine parts from drawing or sketch.

Essential Duties and Responsibilities

- Studies specifications such as blueprints, sketches, models, or verbal descriptions, and visualizes product to determine materials required and machines to be used to fabricate part
 - Sets up and operates manual machines and machine tools such as lathes, milling machine, and grinder, to machine parts, and verifies conformance of machined parts to specifications to maintain precise tolerances in all parts produced
 - Performs hand/bench work as needed to complete product
 - Creates necessary tooling to meet special manufacturing or R&D requirements
 - Modifies existing parts per instructions
 - Meets deadlines as required by customers and is flexible with assignments as needed by departments
 - Performs housekeeping duties including preventive maintenance and repair of manual production machines according to schedules and exceptional needs
 - Adheres to quality and safety standards as required by Bluefors in regard to all equipment, supplies and products
 - Maintains appropriate records
 - Other duties as assigned
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Qualifications and Education Requirements

- Completion of apprentice training or equivalent combination of education and experience. Five (5) or more years of experience in job shop atmosphere or equivalent is preferred. Experience machining various metals and materials such as copper and stainless steel.

Employee Benefits

- Bluefors offers a generous benefits package including health, dental, vision, 401K, long and short-term disability, life, training, tuition reimbursement, and Paid Time Off (PTO).

This role does not offer sponsorship for work authorization.

Bluefors Cryocooler Technologies, Inc. is an Equal Opportunity Employer. All qualified applicants will receive consideration regardless of disability status, veteran status, or any other New York State or federally protected characteristic.