



AUTOMATIC PRECISION, INC.



MANUFACTURERS OF SWISS PRECISION TURNED COMPONENTS SINCE 1976

POSITION OPENING

CNC Swiss / Escomatic Operator

LOCATION

Harwood Heights, IL 60706

TYPE

Full/Part-Time

SHIFTS

Day & Night Available

APPLY

hr@automaticprecision.com

COMPANY INFORMATION

Automatic Precision, Inc. (API) is a family-owned, ISO 9001:2015 certified Swiss CNC precision machining facility founded in 1976 and located in Harwood Heights, Illinois — just minutes from Chicago's O'Hare International Airport. Currently operating three buildings totaling 30,000 sq. ft. with over 200 machines across 10 manufacturing departments, API is one of the largest manufacturers of Escomatic and CNC Swiss precision parts in the United States. We specialize in connectors, electrical contacts, and custom turned components serving aerospace, medical, electronics, defense, fluid power, and numerous other industries across the U.S., Canada, and Mexico.

POSITION SUMMARY

Automatic Precision, Inc. is looking for a motivated and detail-oriented CNC Swiss / Escomatic Machine Operator to join our production team. In this role you will operate Swiss CNC lathes and/or Escomatic screw machines to produce precision turned components to tight tolerances. You will be responsible for monitoring machine operations, performing in-process quality checks, and maintaining a safe and organized work area. This is an excellent opportunity to join a stable, family-owned company celebrating its 50th year in precision machining.

ROLES & RESPONSIBILITIES

- Operate Swiss CNC lathes (Citizen, STAR) and/or Escomatic screw machines (D-2, D-4, D-6) to produce precision components per blueprints and job travelers
- Monitor machine operations continuously, making minor adjustments to feeds, speeds, and offsets to maintain dimensional compliance
- Perform in-process inspection using calipers, micrometers, gauges, and other precision measuring instruments to verify part dimensions and tolerances
- Load and unload bar stock or coil material as required; maintain proper stock supply to machines
- Perform routine machine maintenance including lubrication, cleaning, and coolant checks
- Identify and report machine malfunctions, tooling issues, or out-of-tolerance conditions to the Setup Machinist or Supervisor immediately
- Accurately document production counts, rejected parts, and machine issues in the production log
- Maintain a clean, organized, and safe work area at all times and adhere to all company safety policies
- Collaborate with team members and communicate effectively with setup machinists and supervisors

SKILLS & QUALIFICATIONS

- High school diploma or equivalent required; CNC machining training or vocational coursework preferred
- Prior experience operating CNC Swiss lathes, Escomatic machines, or other screw machines in a production environment preferred — will train the right candidate

- Basic understanding of CNC machining principles, tooling, and cutting operations
- Ability to read and interpret basic blueprints, drawings, and job travelers
- Proficiency using hand measurement tools including calipers, micrometers, and go/no-go gauges
- Strong attention to detail and commitment to producing high-quality, on-spec parts
- Reliable, punctual, and able to work independently with minimal supervision
- Good communication and teamwork skills
- Familiarity with workplace safety protocols in a manufacturing environment

BENEFITS

- Competitive salary commensurate with experience and qualifications
- Medical insurance available
- Day and nighttime shifts with overtime opportunities
- Paid time off and holidays
- On-the-job training and advancement opportunities
- Stable, family-owned company celebrating 50 years in business
- Opportunities for growth and advancement within the company

WORK ENVIRONMENT

API operates 24 hours a day, 5 days a week in a 30,000 sq. ft. production facility in Harwood Heights, Illinois. Our shop floor houses over 200 Escomatic and Swiss CNC machines running precision components for customers across the United States and internationally. You will work alongside experienced machinists in a fast-paced but organized production environment where safety, quality, and craftsmanship are our core values.

PHYSICAL DEMANDS

- Ability to stand for extended periods on a production floor
- Ability to lift and carry materials up to 50 lbs occasionally
- Manual dexterity and hand-eye coordination for operating machinery and precision measurement tools
- Ability to work in a manufacturing environment with exposure to machine noise, cutting fluids, and metal chips

Ready to Join the API Team?

Email your resume to hr@automaticprecision.com or stop by our office:
4609 N. Ronald Street, Harwood Heights, IL 60706 | (708) 867-1116