



Irish Pressings Ltd



#JOB-2444743



Páirc Ghnó Ghaoth Dobhair, Factory Road,  
Derrybeg, Co. Donegal, F92 VX01



No of positions : 1



Paid Position



40 hours per week



36605.00 Euro Hourly



27/04/2026



25/05/2026

## How to apply

### Application Method :

Please apply to the vacancy by the following means:

Email : [b.mcgonagle@irishpressings.com](mailto:b.mcgonagle@irishpressings.com)



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online



## Mechanical Engineer - Centreless Grinding Specialist

### Application Details

In order to work in Ireland a non-EEA National, unless they are exempted, must hold a valid employment permit. Please review the [Eligibility and requirements for an employment permit](#) if you are unsure of your eligibility to apply for this vacancy.

### Job Description

#### 1. Process Configuration & Machine Readiness

- Independently configure and prepare centreless grinding machines for both in-feed and through-feed operations, selecting and dressing wheels, adjusting regulating and work rest blade geometry to achieve specified results.
- Establish and validate all critical process parameters including feed rates, rotational speeds, work rest height, and blade angles in accordance with component drawings and process sheets.
- Carry out pre-production trials and confirm dimensional conformance before releasing any batch to full production.

#### 2. New Component Introduction & First-Off Qualification

- Lead the setup development for new components from print to proven process, defining grinding parameters, datum strategies, and inspection points from scratch.
- Collaborate with engineering and quality functions to create and document setup sheets, control plans, and process sign-off records for new part introductions.
- Validate first-article submissions against customer or internal dimensional requirements, taking full accountability for dimensional and surface finish conformance.

#### 3. Production Operation & Throughput Management

- Maintain consistent, efficient production output while upholding the highest standards of dimensional accuracy and surface integrity throughout the shift.
- Monitor process stability, react promptly to drift or variation, and make controlled adjustments to maintain capability within defined control limits.
- Complete all associated production documentation accurately, including travellers, inspection records, and non-conformance reports where required.

#### 4. Machine Maintenance & Reliability

- Apply your mechanical engineering knowledge to perform scheduled preventive maintenance

tasks including lubrication, coolant system management, wheel balancing, bearing and spindle checks, and wear part replacement.

- Carry out first-line mechanical and electrical fault diagnosis; draw on a sound understanding of machine systems to resolve minor issues independently and escalate complex faults to maintenance with clear and detailed findings.
- Maintain machine condition logs and contribute to maintenance scheduling to minimise unplanned downtime.

#### 5. Surface Finish & Dimensional Accuracy

- Achieve and sustain tight dimensional tolerances – routinely working to micron-level accuracy on diameter, roundness, cylindricity, and surface texture (Ra/Rz).
- Select appropriate grinding wheel specifications, dressing cycles, and coolant strategies to meet prescribed surface finish requirements without compromise.
- Demonstrate a thorough understanding of surface integrity as it relates to component function, fatigue life, and downstream assembly requirements.

- **Sector:** manufacturing

#### **Career Level**

- Experienced [Non-Managerial]