

Rautomead IC400 – Precision Casting & Toll Services

High-quality alloy rod production — from 10kg batches upwards

The **Rautomead IC400** is a precision-engineered Induction Heated Break Ring Continuous Casting machine, purpose-built for producing small-diameter rod in **nickel, cobalt & iron-based alloys**. It is ideally suited to **R&D trials, additive manufacturing wire production and low-volume manufacturing**.



Key Machine Features

- **Small Diameters:** from 2.5mm upwards for near-net shape, reducing machining and material waste
- **Small Batch Capability:** from 10kg upwards —perfect for prototyping and alloy testing
- **Alloy Flexibility:** handles nickel, iron and cobalt-based alloys
- **Additive Manufacturing Ready:** Produces rod suitable for drawing into feedstock wire
- **Break Ring Casting Technology:** ensures smooth solidification and exceptional metallurgical control
- **Compact & Efficient:** small footprint and energy-efficient operation

Toll Casting Service

Our toll casting service lets you access the benefits of the IC400 without the capital investment.

Customers can:

- Order custom rod in batches starting at 10kg
- Run alloy trials and proof-of-concept projects
- Use Rautomead as a second-source supplier to support or back up in-house production

Applications

- Military & Defense: for corrosion-resistant, high-strength applications
- Automotive (R&D): lightweight, high-temp materials including glow plugs
- Dentistry: cobalt-chrome alloys for implants and prosthetics
- Additive Manufacturing: precision rod for wire-based 3D printing feedstock

Get in Touch

Ready to explore how the IC400 or toll casting could work for you?

Visit **www.rautomead.com** or email **sales@rautomead.com** to request a quote or consultation.

