

Paramelt: Expanding Global Wax Supplier

Paramelt, founded in 1898, is the largest manufacturer of investment casting waxes in the world. Customers use our products and technical expertise to meet the process needs of the entire foundry, not just the wax room. The company has a long-standing proven track record in the investment casting industry with the heritage of Argüeso and Kindt Collins. As the investment casting industry is a core business for Paramelt, the company continues to invest in capacity expansions, batch-to-batch consistency, supply security as well as product and process developments.

Manufacturing Expansions

With manufacturing sites in the US, Europe and China, customers can expect to receive the same level of supply excellence and product consistency at all manufacturing sites, while still taking advantage of locally supplied raw materials (formulated consistently using Paramelt's global R&D and state of the art analytical capabilities). In order to service the growing global wax

demand in investment casting, Paramelt has invested significantly in each of its manufacturing facilities.

In the US, the site in Rosemead CA has added a new pastillating belt, processing tanks for wax reclamation, and several other improvements for billeting and extruding waxes. In Muskegon, MI, a new pastillating belt, an additional third pastillating line, and a second, fully equipped wax reclamation line have been installed. In Cleveland, OH, a new pastillating belt, additional processing tanks, and new dry handling equipment have been installed.

In Heerhugowaard, The Netherlands we've added new blending vessels and a new dedicated pastillating line for virgin and reclaimed casting waxes which can serve the growing demand for high quality waxes in Europe. Paramelt is setting up a new site near Birmingham in the UK for production of casting waxes. With the recent addition of a 50 Ton injection press, the UK site can supply ready-to-use, customer specific runner shapes that incorporate pouring cups and filters.

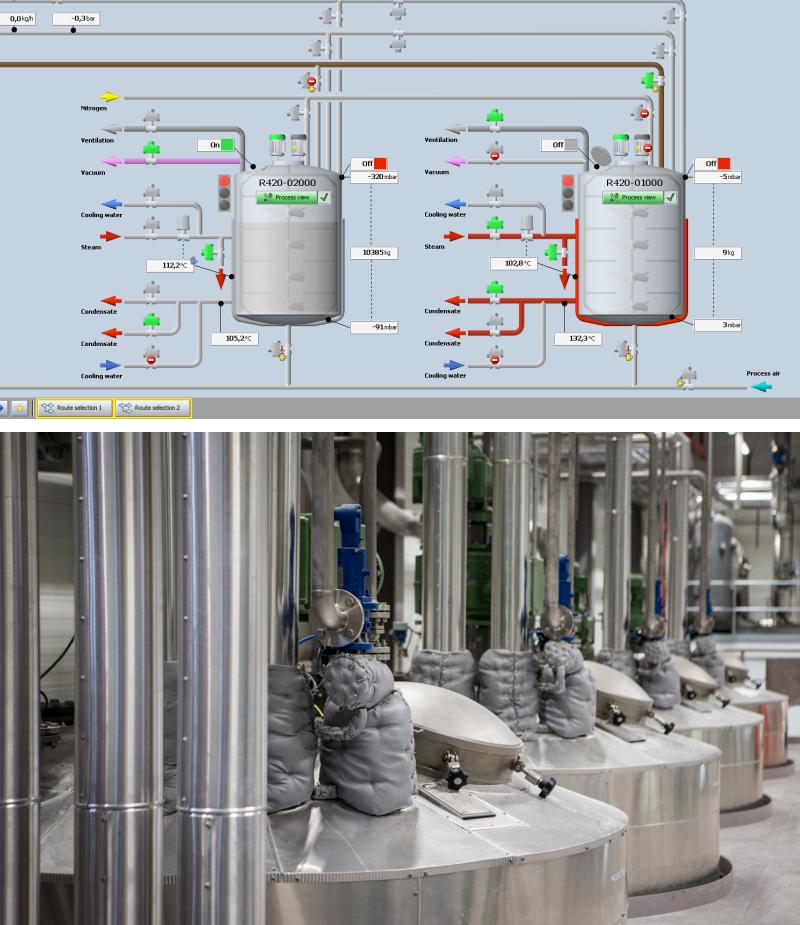
In China, the company has invested in additional capacity and space for the growth of investment casting wax production. This enables Paramelt to further improve its capability to support the growing high-tech markets in the Asia Pacific region.

AFFILIATE MEMBER

PARAMELT

www.paramelt.com

Provider of Cerita Casting waxes. Multiple manufacturing and reclamation facilities in the USA that produce: Virgin Filled and Unfilled Pattern Waxes, Sprue/Gating waxes, Soluble waxes and Specialty waxes including stick tight, patching/repair, dip seal and extrusions. System reclaim waxes along with Tech Clean reclaim processing (proprietary process that extracts high ash contaminants and metallic oxides). Forms: Pellet, Flake, Slab, Billet, Extrusions and Liquid Deliveries. Packaging: Bags, Boxes, Bulk Systems.



These global investments represent millions of dollars of capital, but more importantly add significant new capacity and improve future consistency of wax supply. As such, Paramelt is positioned as the largest and most diverse wax supplier to address future growth in key market sectors like Aerospace, Industrial Gas Turbines, Automotive, Oil and Gas, Medical, and Commercial.

Process Automation

Product consistency is essential to produce high quality castings. In order to take a next step in improved process control, Paramelt has been investing in process automation of production units controlling parameters, process conditions and recipes. With these successful pilots Paramelt is defining a framework for future roll out across the different manufacturing sites. This enables Paramelt to set new standards for batch-to-batch consistency while allowing for data control, traceability, improved worker conditions and reduced variability.

Wax Innovation

Technology is an important driver for Paramelt as the company continually

invests to further develop processes and product formulations designed to deliver improved product performance. An important new product development features filled waxes that utilize unique raw materials to replace traditional fillers. As well, new non-filled alternatives have been developed that mimic filled wax performance in many applications. Paramelt's new technologies for alternative fillers, faster leaching soluble waxes, as well as non-filled waxes, have been proven in various foundry applications and provide customers more choices than ever before.

Our Technical Sales Team has

extensive investment casting industry experience, many having worked for foundries at some point in their careers. Paramelt is well positioned to understand, serve and support individual foundry needs with application specialists and extensive analytical laboratories at each of our sites. Key relationships with global raw material suppliers enable Paramelt to access these latest technologies for specific customer applications. Paramelt is dedicated to consistent supply, quality excellence, customer service and technical support to the investment casting industry.

With six global casting wax manufacturing sites, each with similar processing control and quality capabilities, Paramelt is well positioned to provide for a real contingency in case of availability disruptions to secure supply of consistent high quality waxes.

Let our staff work with you to select or custom blend a wax formulation to improve your capabilities. Contact us today to solve your wax-related challenges with high performance virgin and reclaim waxes using proven formulations, as well as new product developments, specifically engineered to your performance and economic demands.

More About Paramelt

Privately held, and with a company history spanning 120 years, Paramelt is a technically driven, financially stable company who, in addition to investment casting waxes, participates in other diverse applications for wax products like adhesives, food additives, rubber modifiers, cosmetics and other specialty uses. This diversity gives Paramelt a superior position in the raw material market globally and adds to its stability through economic cycles.