



# Complete Process Solutions

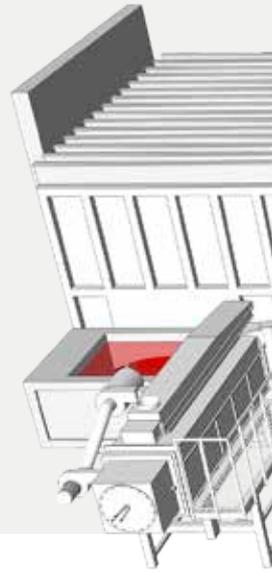
for aluminium foundries  
and die casters



**Pyrotek®**

# Why Pyrotek?

Pyrotek® is a global engineering leader and innovator of technical solutions, integrated systems and consulting services for the aluminium industry. Our products are used around the world in automotive, aerospace, rail transportation and high-tech manufacturing. Pyrotek has global resources and local support in more than 60 locations in 35 countries. Choose Pyrotek for 60 years of aluminium expertise—from the smelter to the foundry.



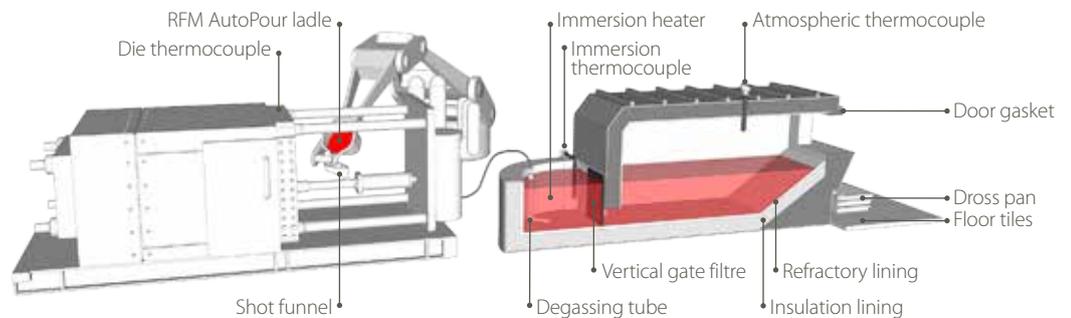
## METAL QUALITY EXPERTS

Quality aluminium castings require comprehensive process solutions for high-pressure, low-pressure and gravity casting. Pyrotek's foundry team focuses on improving metal quality, energy savings and foundry performance with components and integrated systems for metal melting, transfer, treatment, holding and casting.

Each component is manufactured to specification from materials that best suit the applications. Pyrotek provides products required during installation, maintenance, and operation. Pyrotek application engineers offer in-plant consultations and are supported by a global engineering and manufacturing network.

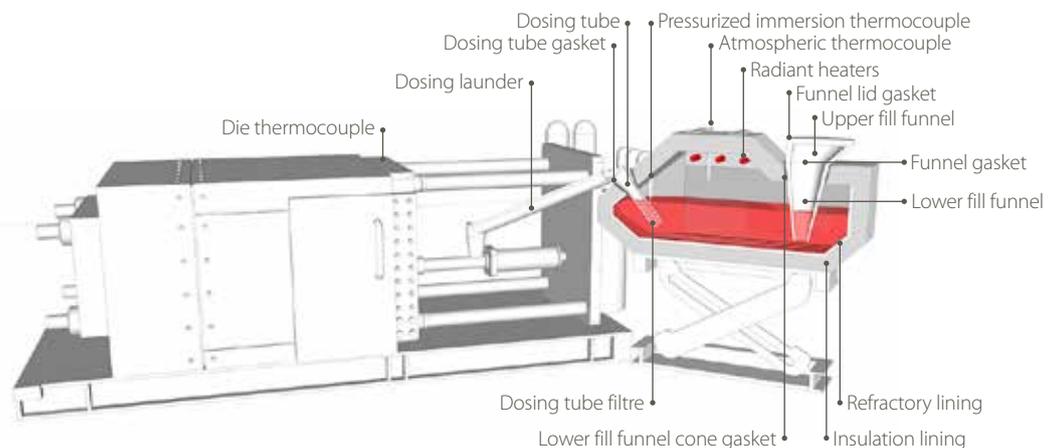
### High-pressure Die Casting

Pyrotek products for high-pressure die casting include RFM® AutoPour ladles, shot funnels, degassing equipment, in-furnace filtration and more.

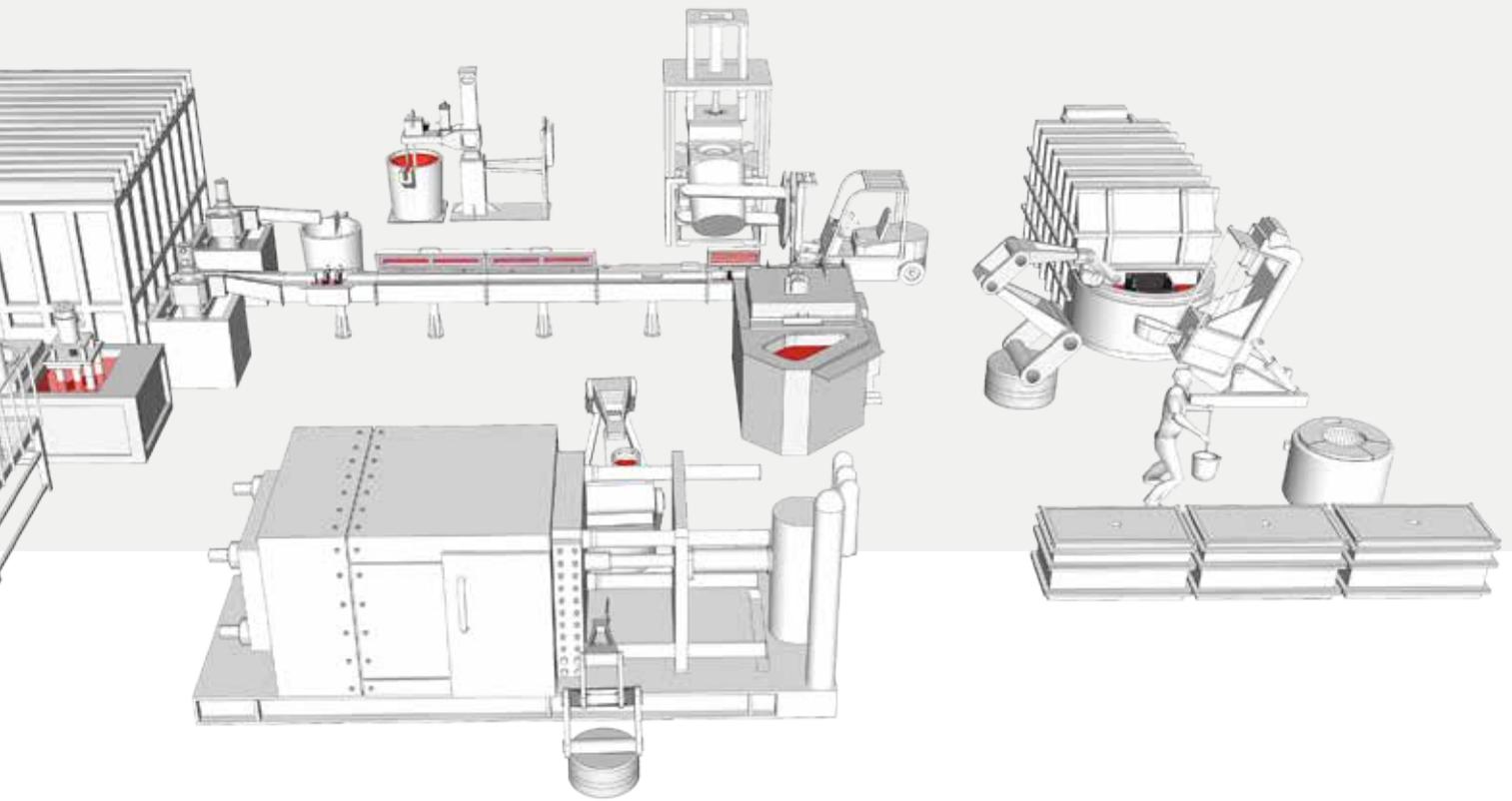


### High-pressure Dosing Furnace

Solutions for a dosing-fed furnace include fill funnels, filters, dosing tubes, dosing launders, refractory lining, gaskets and more.

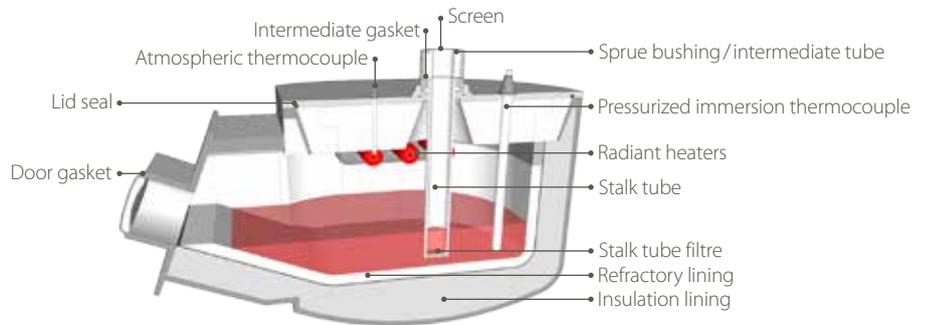


Pyrotek is your **best partner** in improving foundry performance.



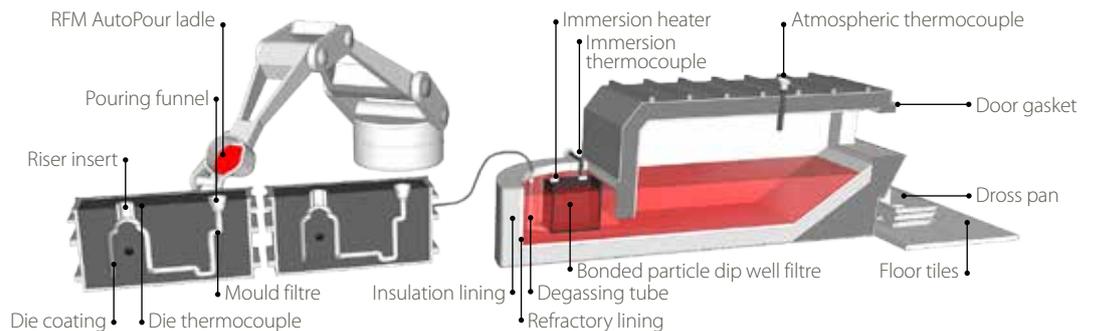
### Low-pressure Die Casting

Solutions for low-pressure die casting include filling troughs, crucibles, return filters, stalk/riser tubes, coatings, refractory and insulation lining.



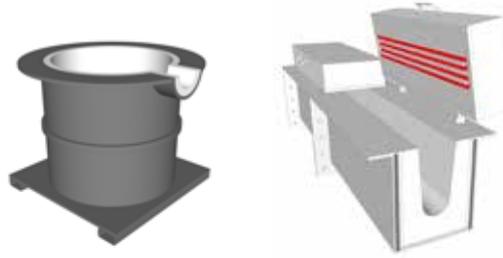
### Gravity Casting

Pyrotek provides a wide range of products for gravity casting operations, including transfer ladles, degassing equipment, coatings, backup insulation, sprue return filters, riser inserts and more.



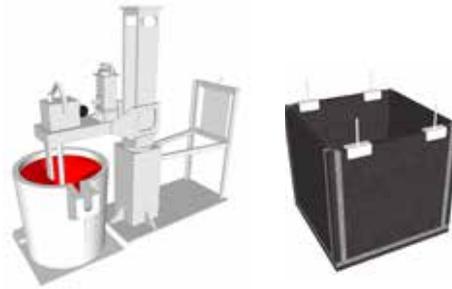
## Metal Transfer

Pyrotek offers crucibles, ladles, transfer pumps and trough systems with a variety of material and design options. Fully-engineered solutions allow for easy replacement and quick maintenance. Backup insulation and lids are also available.



## Metal Treatment

Pyrotek products and engineered systems for melt treatment include degassing, filtration and fluxing systems. These products and practices can improve metal quality and increase production for die casters.



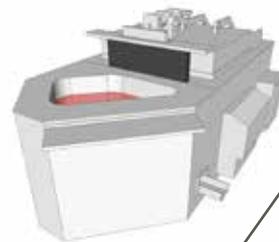
## Metal Melting/Circulation/ Chip Preparation

Pyrotek solutions for melting furnaces include electromagnetic and mechanical circulation pumps, chip preparation and remelt equipment, precast refractory shapes, floor tiles, fluxes and flux-injection equipment, furnace tools, furnace relining and engineering services.



## Metal Holding

Pyrotek solutions range from refractory repairs and relines for standard holding furnaces and immersion furnaces, to transfer ladles, dosing launders, gaskets, seals and more.



**Pyrotek®**

## Contact Us

Our global network of field engineers works with foundries to determine the optimum products, materials, systems and solutions for customers. For more information, contact your local Pyrotek application engineer.

[pyrotek.com/foundry](http://pyrotek.com/foundry)

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