



Pyrotek Tower Melter

For Aluminium Casting Process

The new Pyrotek Tower Melter was engineered to provide an ultra modern and highly efficient melter option. Decades of experience in melting, holding, dosing, and transferring metal guided this advanced design for use in any aluminium casting process.

Electrical, automotive, and military defense are among the industries adopting the use of this new technology.

Technology and Design

The Pyrotek Tower Melter is unique due to the design of the refractory, the ability to electrically hold metal, and its high level of communication and Factory 4.0 support.

The melter is well sealed because of automatically actuated covers for all exposed metal, preventing excess oxygen from entering the chambers.

The footprint and layout of the melter can be tailored to fit a particular application.

Pyrotek provides dosing, launders, dip wells, or tapping / ladle methods for moving metal. Pyrotek also provides degassing, fluxing, and all consumables which are manufactured by Pyrotek.

Pyrotek Tower Melters are designed, engineered, and manufactured in the USA.



Clean, Efficient, Fitted

- Use low NoX burners, so gas and oxygen consumption are reduced
- Reduction in oxide formation means cleaner metal
- Metal quality improvement
- Pyrotek can supply horizontal immersion heating for the holding zone
- Customizable footprint and layout for particular applications

Why Pyrotek?

Pyrotek has been a trusted advisor and innovator in the aluminum foundry industry for almost 70 years.

Pyrotek offers training and cleaning services to ensure optimum use and efficiency of a Pyrotek Tower Melter.

