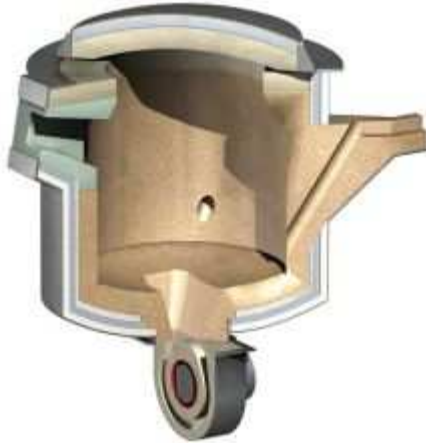


## CHANNEL INDUCTION FURNACE

COPPER BASED METALS, ZINC, BRASS and ALUMINIUM ALLOYS

VESUVIUS offers full services to include engineering design, thermal profiling, material selection, construction labor and dry out and heat up services required to reline and maintain all designs of channel induction furnaces used to melt or hold non-ferrous metals. Vesuvius manufactures a full line monolithics dry linings, castables, ramming mixes, brick and insulation refractories for channel furnaces worldwide.



- **KELLUNDITE** high alumina based dry linings
- **CRITERION, DELTACAST** and **HYDRAMAX** low and ultra low cement castables
- **TRIAD** no cement castables
- **DURAFLO** self leveling castables
- **SPARTAN** and **FRANCITE** bricks in a wide range of chemistry and bonding systems
- **KELLUNDITE** spinel forming alumina based dry linings for lower power inductors
- **MAGNAVIBE** spinel forming magnesia dry linings for high-powered inductors
- **CRITERION** low cement castable for zinc inductors
- **ALUGARD** high alumina low-cement non wetting castables for aluminium
- **ZYAROCK** ceramic loops forms
- **TRIAD** no cement castables for covers and spouts
- **CRITERION** low-cement castables for covers and spouts
- **CERCAST** conventional castables for covers and spouts
- **CERGUN, DURAGUN, TOPGUN** and **ULTRAGUN** for lining maintenance

Research and technical support are available to recommend lining materials, installation procedures, sintering schedules and operating practices.