

## EBT Taphole Maintenance

KT-Grant has simplified the EBT taphole removal and replacement process. The taphole drill system utilizes a quick-change adapter in conjunction with the **GOM-360BDRE Series II** machine. The KT-Grant system eliminates the need for an overhead crane and crane operator and allows personnel to work safely away from falling molten metal.

### Our Process

The operator installs the taphole drill attachment on the **GOM-360BDRE** and uses this machinery to remove the worn taphole insert. The drill leaves a smooth surface ready and primed for the new insert. From here, the operator changes the attachment to a taphole insert holder. Next, the operator places the new taphole sleeve on the holder, then into the taphole, and aligns it for the proper angle of the taphole. To finish the process, the operator installs the dry refractory to secure the segments in place.

**Taphole removal with KT-Grant typically takes three to five minutes and the entire taphole change out process takes just 20-30 minutes. This increases production availability and gains one additional heat per taphole change.**



## The Impact

### *Uptime*

- Increase availability of the furnace by completing work sooner

### *Productivity*

- Produce an additional 1-5 heats per week

### *Safety*

- Remove all employees from dangerous work areas



**Contact KT-Grant for a full cost analysis**

## About Us

Since 1951, KT-Grant. has provided refractory lining, slag, and scale build-up removal services and equipment to customers around the globe. We have helped thousands of metal, mining, and chemical processing businesses ensure worker safety, shorten maintenance downtime, and reduce operating costs. We design and build specialty-engineered equipment using wireless and tethered remote-control technology, allowing personnel to work safely from a secure location away from heat, chemicals, and falling debris. For nearly seventy years, our commitment has remained the same — to provide innovative technology and superior service to meet our customers' most demanding application needs, while keeping their workers out of harm's way.

***Keeping operators out of harm's way for over 70 years...***

724-468-4700  
www.kt-grant.com

Headquarters  
3073 Route 66  
Export, PA 15632

