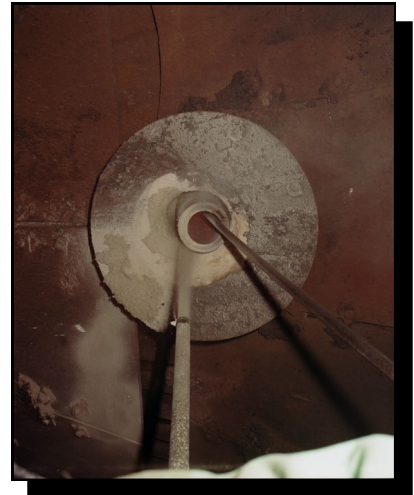


Specializing in Mill Maintenance Equipment



KT-Grant has simplified the BOF taphole removal and replacement process. The patented water cooled taphole drill system utilizes a quick change core drill attachment in conjunction with one of KT-Grant's GOM 360 series crawler machines. The taphole drill attachment is quickly installed on the GOM 360, the operator then places the taphole drill in front of the taphole and proceeds to remove the worn taphole insert. The average removal time is less than (5) five minutes. The drill leaves a smooth surface ready for the new insert and gunning material.

The operator then changes the attachment to a taphole insert holder. A new taphole sleeve is placed on the holder, then insert sleeve is placed into the taphole. The insert can be moved to align the sleeve for proper angle of the taphole. The gunnite material is then sprayed around the insert, locking it in place.

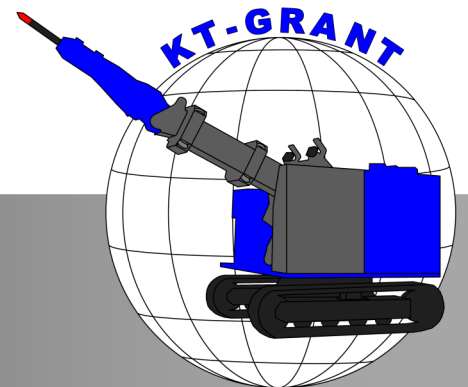


KT-Grant has developed equipment and techniques for the safe efficient removal and maintenance of furnace refractory and accumulations from:

- **BOF Vessels**
- **Tundishes**
- **LMF Ladle Refinery**
- **Runners**
- **Hot Metal Mixers**
- **CAS-OB Bells**
- **BOF Taphole**
- **Ladles**
- **BOP Vessel**
- **QBOP Vessel**
- **Snorkels**
- **Reheat Furnaces**
- **Blast Furnace Troughs**

We are pleased to offer the following services:

- Twenty-four hour, seven (7) days a week fully maintained and operated service.
- Bare equipment leasing and operator/mechanical training.
- Outright sales and training.



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