

READY TO EXCEED.



# ADVANCED TAPPING TECHNOLOGY

FOR NON-FERROUS AND  
FERRO-ALLOY FURNACES



# SAFE EFFICIENT FLEXIBLE

**PURPOSE BUILT FOR  
YOUR APPLICATION**

## **Customized designs for any furnace size to meet your demands**

Based on our experience with more than 500 references, TMT is your partner for improving your tapping process. Different machine configuration types, from basic to premium, allow a customization to fully suit your requirements.

### ► **SAFE OPERATION MODES**

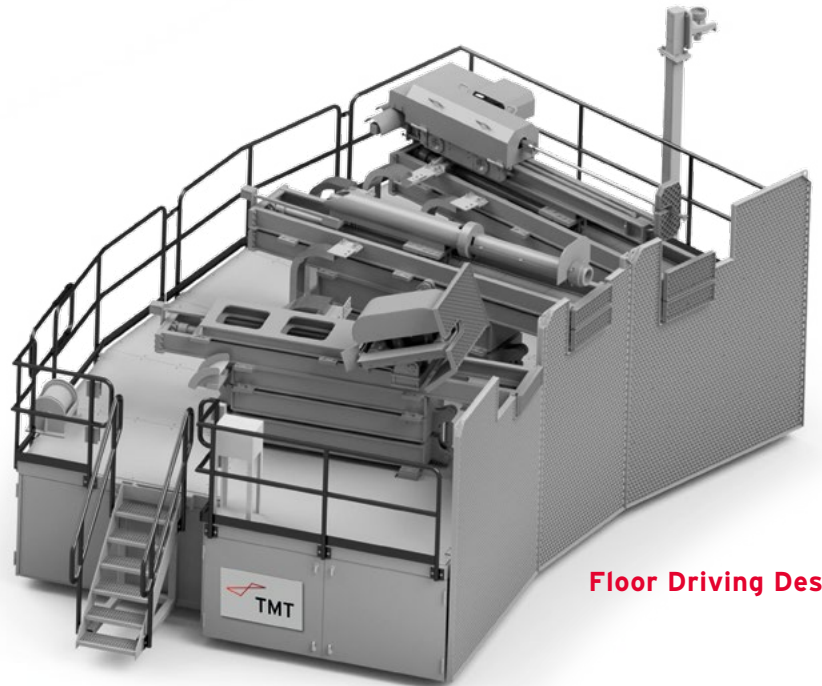
From fully manual to fully automatic, with the possibility of remote operation from control room

### ► **PERFORMANCE**

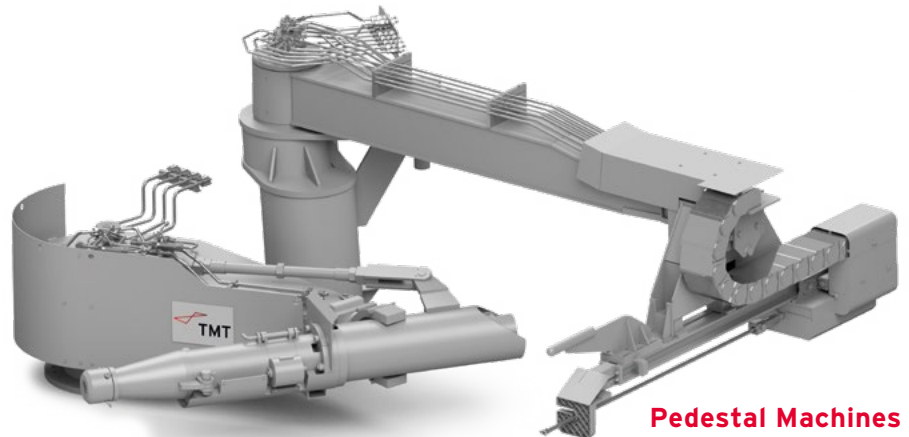
All TMT-BBG drill hammers, ranging from pneumatic to hydraulic operation, are developed for specific taphole drilling requirements

### ► **FLEXIBLE DESIGN**

Clay volume and pressure are selected to safely and reliably close the taphole



**Floor Driving Design**



**Pedestal Machines**

## **/ YOUR BENEFITS**

### **Safety**

Avoid accidents on the castfloor

### **Productivity**

Increase the availability of your furnace

### **Taphole Protection**

Extend the lifetime of your tapholes

### **Flexibility**

Fits any furnace size and layout

### **Repeatable and precise**

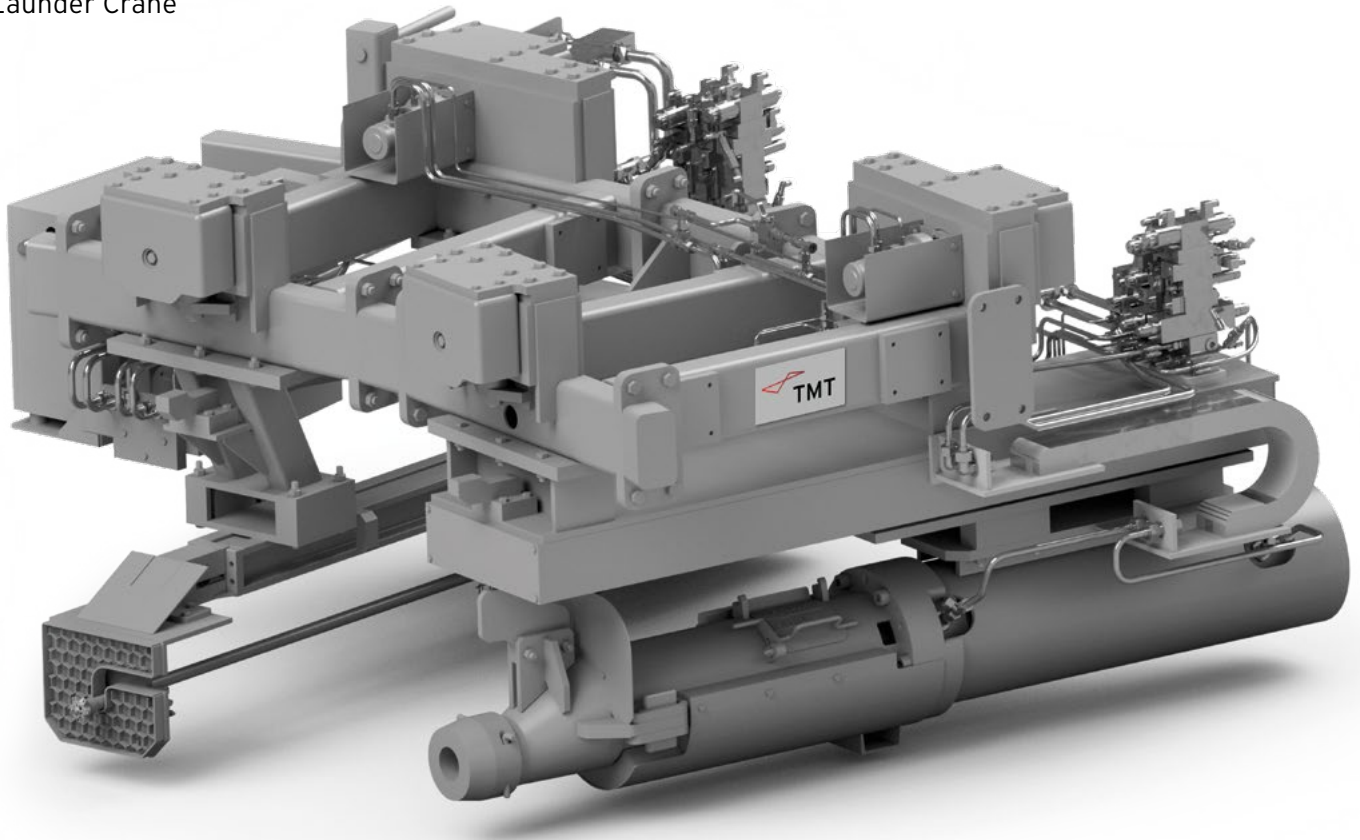
Maintain a continuous tapping flow

### **Reliability**

For trouble free tapping operation

## / AUXILIARY EQUIPMENT

- ▶ Rodding Device (with optional splicing device for wooden rodding bars)
- ▶ Cover Manipulator
- ▶ Launder Crane



**Side by Side Design**

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## / LAYOUT VARIANTS

### **Overhead rail mounted „side by side“ design**

- ▶ Clay Gun and Taphole Drill arranged „side by side“
- ▶ Can serve multiple tapholes at multiple elevations
- ▶ No space blocked next to runners
- ▶ Extendable by optional equipment like rodding device, launder cranes, ...

### **Floor driving design**

- ▶ Multiple tapholes served by one machine
- ▶ No space blocked next to the runners
- ▶ Ideal for FeSi and Si furnaces with limited headroom above taphole

### **Overhead rail mounted „superimposed“ design**

- ▶ Clay Gun superimposed above Taphole Drill
- ▶ For layouts requiring very narrow equipment
- ▶ Can serve multiple tapholes at multiple elevations
- ▶ No space blocked next to runners

### **Pedestal Machines**

- ▶ Reduced number of motions and drive units / cylinders due to fixed installation (no travel carriage)
- ▶ Rugged design, serving one single taphole

**NO MATTER WHERE,  
SUPPORT IS JUST  
AROUND THE CORNER.  
WORLDWIDE.**



### **Maximum equipment availability**

With TMT you have local support around the world. OEM subsidiaries and workshops spread around the globe are ready to assist you throughout the lifetime of the equipment.

### **/ SERVICES**

- ▶ Comprehensive refurbishments to extend the lifetime of your equipment
- ▶ Tailor made technology upgrades to boost the performance of existing equipment and to increase the safety level
- ▶ Site surveys and preventive maintenance to ensure availability of the equipment
- ▶ Supply of OEM spare parts and consumables to ensure reliable performance