

READY TO EXCEED.



**TMT** TAPPING  
MEASURING  
TECHNOLOGY

# ADVANCED TAPPING TECHNOLOGY

FOR NON-FERROUS AND  
FERRO-ALLOY FURNACES



[tmt.com](http://tmt.com)

# 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

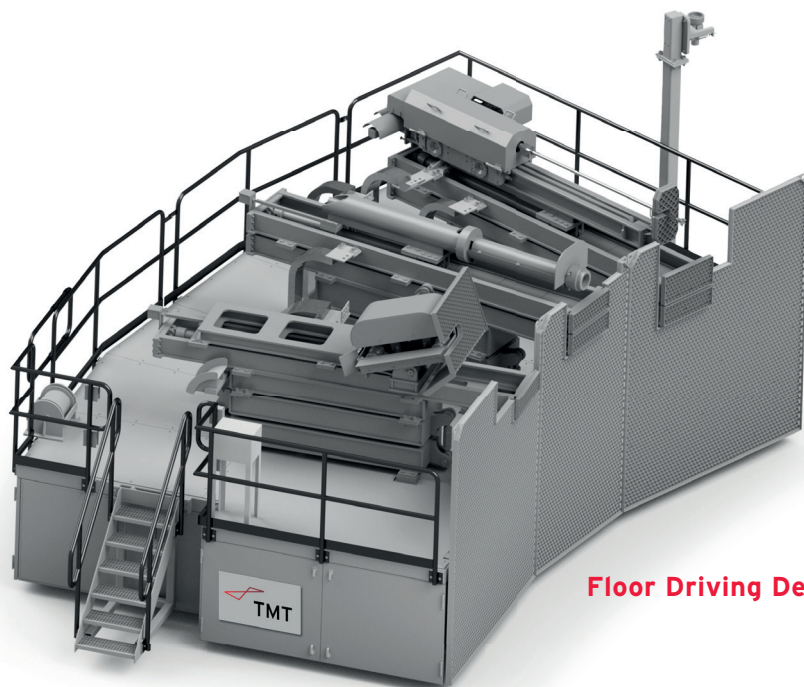
From fully manual to fully automatic, with the possibility of remote operation from control room

### ► PERFORMANCE

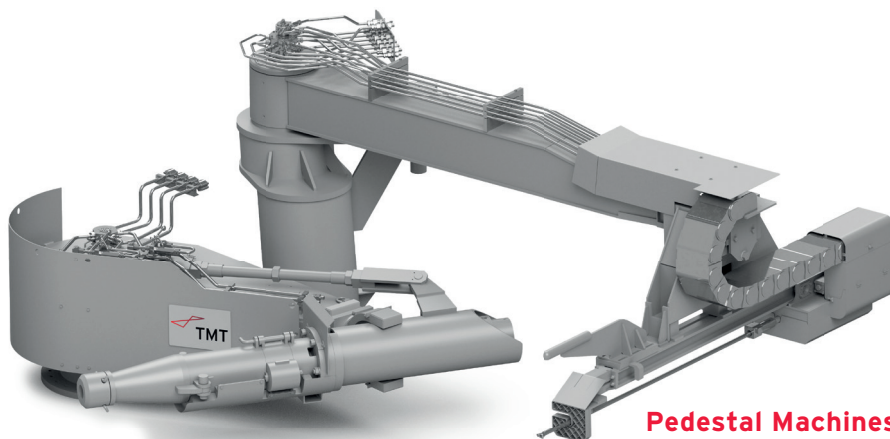
All TMT-BBG drill hammers, ranging from pneumatic to hydraulic operation, are developed for specific taphole drilling requirements

### ► 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

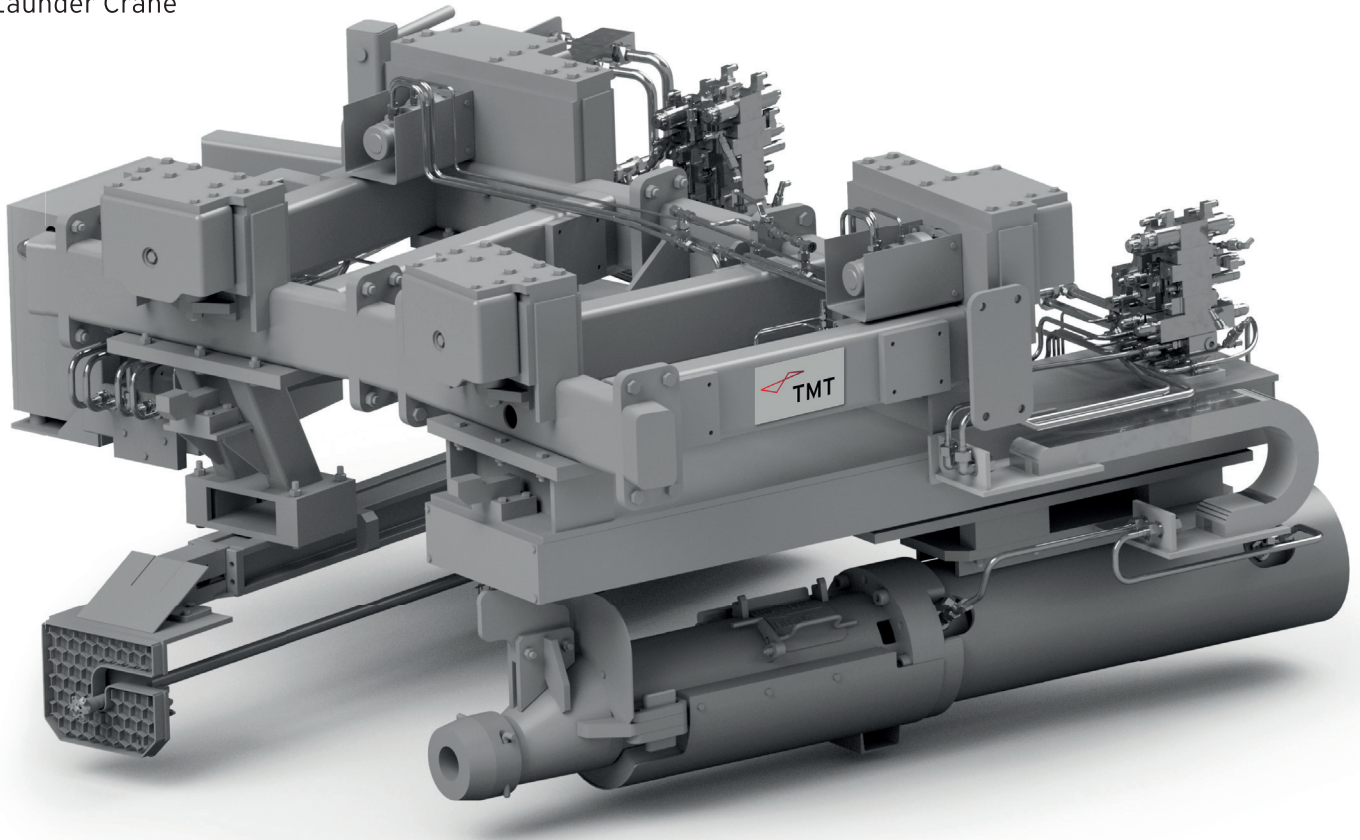
Maintain a continuous tapping flow

### 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**

## / 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

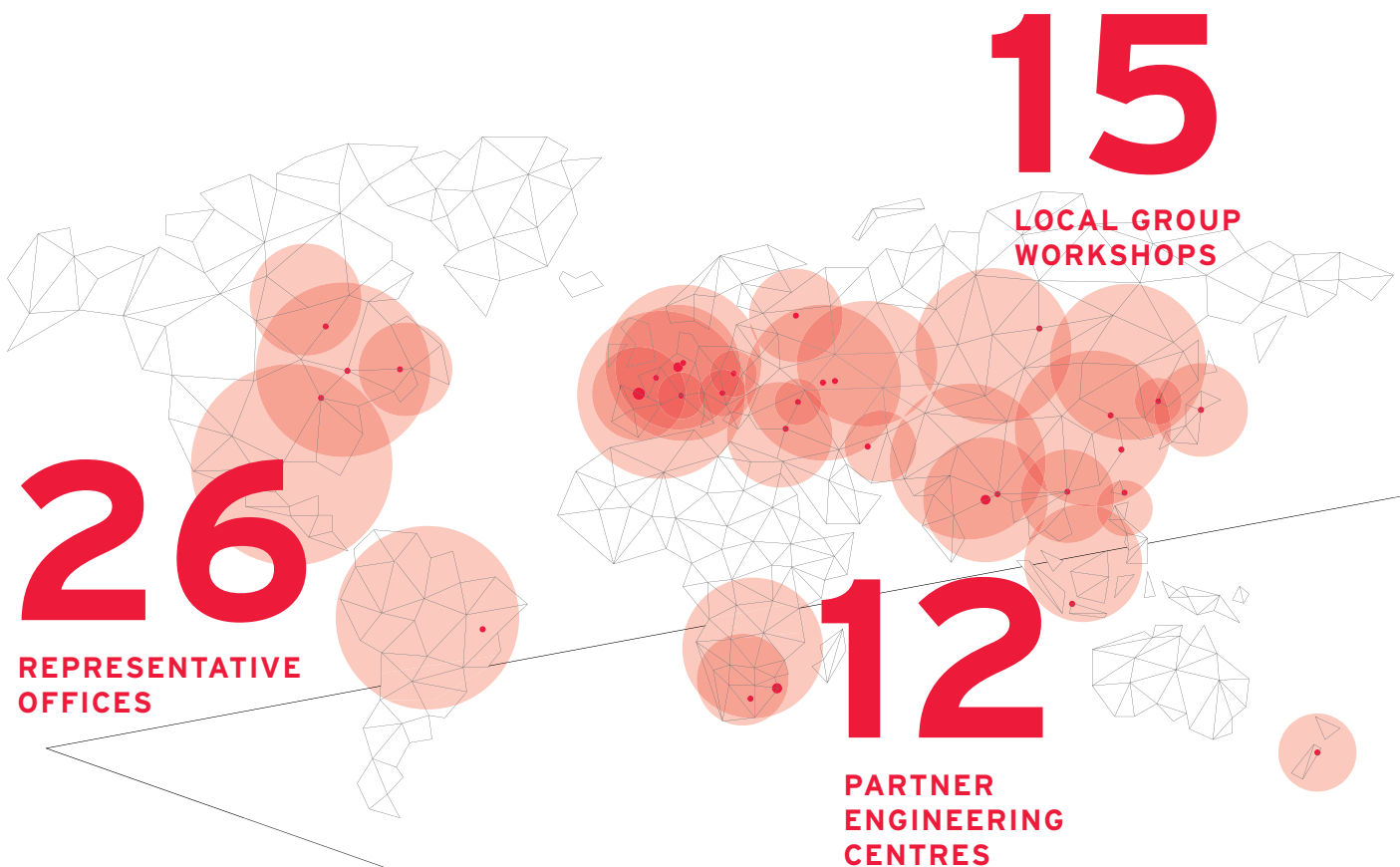
### **Overhead rail mounted „superimposed“ design**

- ▶ 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