



**GOLDSCHMIDT**

Smart Rail Solutions



**THERMIT® SKS**

**BEST TECHNOLOGY FOR HIGH QUALITY**

Welding crane rails requires a high degree of precision, efficiency and safety. Our Thermit® SKS welding process means you have the best technology available for satisfying the stringent demands of crane rail welds with excellent welding performance. This process is the alternative to arc joint welding as its use is largely user-independent.

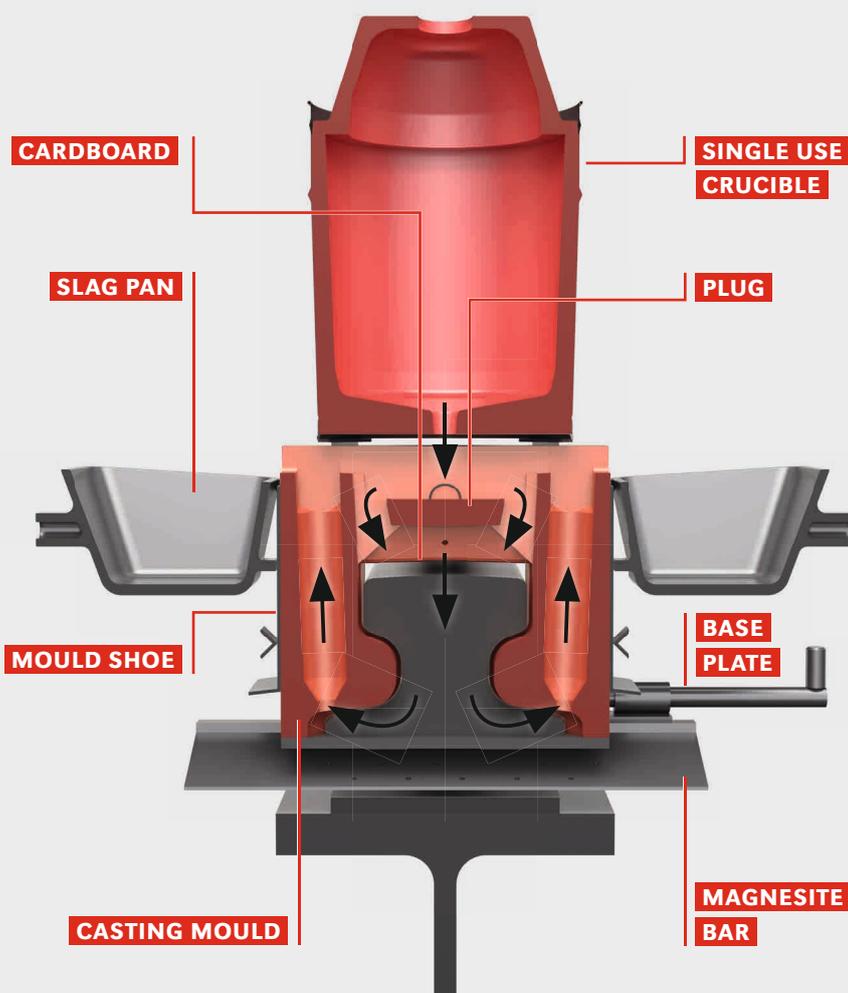
## TECHNICAL DATA

### FEATURES

- Welding process for all crane rails including the A150 profile
- The standard gap width, depending on the profile, is  $23\text{ mm} \pm 1\text{ mm}$  or  $25\text{ mm} \pm 1\text{ mm}$
- Three-part casting moulds with magnesite bar
- Use with single use crucible I
- Propane/oxygen or Smartweld Jet are recommended for safe and efficient preheating
- It can also be preheated with acetylene/oxygen if necessary

### BENEFITS

- Fast and safe execution of Thermit® SKS
- Can be used even at great heights despite restricted space and working conditions
- The welding process is used nationally and internationally on tracks and systems belonging to industrial companies



Central pouring/descending casting system

