



**GOLDSCHMIDT**

Smart Rail Solutions



## **THERMIT® SKV-ELITE L25**

### **FAST AND SAFE WELDING OF FLAT-BOTTOM RAILS**

With Thermit® SkV-Elite L25 you benefit from a dependable product suitable for construction sites for the welding of rail. The process is reliable, robust, and ideally suited for connecting flat-bottom rails in all types of operating track systems, for all speeds, in heavy haul traffic and also during high-density traffic due to the short execution time.

## TECHNICAL DATA

### FEATURES

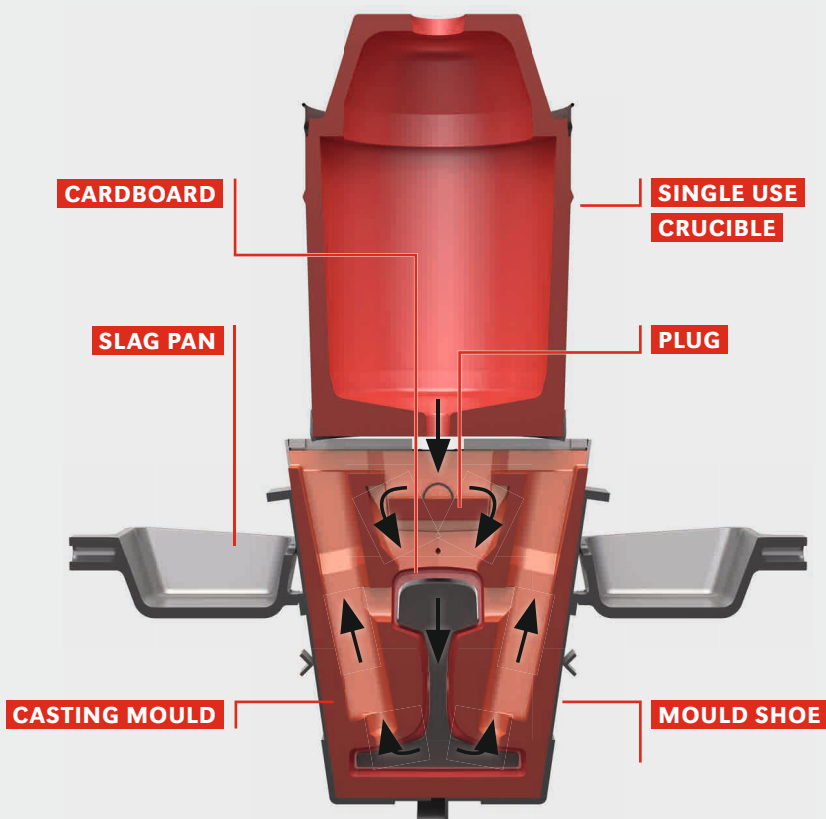
- Short preheating time of 2 minutes for rail profiles from 43 kg/m to 65 kg/m
- Can be preheated using any approved preheating method
- Standard gap width: 25 mm  $\pm$  1 mm
- Modification of the welding process for welding gap widths from 40 mm to 50 mm and from 65 mm to 75 mm

### BENEFITS

- Durable Thermit<sup>®</sup> weld and a robust design
- Safe to use on higher strength rail grades (up to and including R400HT)
- Just one mould shoe for all rail profiles
- Luting sand or luting paste can be freely selected
- Suitable for all crucible types

### CERTIFICATIONS/APPROVALS

The Thermit<sup>®</sup> SkV-Elite L25 process is certified in accordance with EN 14730-1 and approved for use on railway systems worldwide.



Central pouring/descending casting system

