



## SMARTWELD JET

### AUTOMATED PREHEATING OF THE THERMIT® WELD

SMARTWELD JET perfects the preheating process of the THERMIT® weld. For increased safety, economic efficiency and weld quality.

#### EFFICIENT AND POWERFUL

By automating the preheating and working without compressed oxygen, the propane-air torch SMARTWELD JET optimises your work process. Without the logistical workload, the avoidance of execution errors and the documentation produced on site by means of the GOLDSCHMIDT DIGITAL APP, the economic efficiency of your welding activities increases. SMARTWELD JET ensures safe execution of the preheating process – guaranteeing high weld quality.



**GOLDSCHMIDT  
DIGITAL APP**



RAIL JOINING

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**GOLDSCHMIDT**  
THERMIT GROUP

## AN OVERVIEW OF SMARTWELD JET

Feature	Function	Benefit
Elimination of the oxygen bottles	Reduced transportation and logistics workload	High economic efficiency, user-friendly due to weight reduction
Use of small propane-gas bottles possible	Saves weight	Increased occupational safety, simplified handling
Pre-set welding parameters and preheating duration	Relief of the welders due to discontinuation of the setting and monitoring tasks	Reduced error ratio
Monitoring of the flame and execution, automatic firing	Uniform and careful preheating through low flame temperature with simultaneous heat input, thermal protection of the casting mould	Increased surface quality
Use via GOLDSCHMIDT DIGITAL APP with Bluetooth Low Energy interface	Visualisation of processes, simple and immediate transmission of data	Complete evaluation of THERMIT® welding, economical and environmentally friendly
GOLDSCHMIDT DIGITAL APP with SMARTWELD Application	Electronic recording of welding incl. parameters for preheating and recording of base materials, GPS positioning	Efficient quality control and documentation of construction and maintenance measures

### Specifications

- » Dimensions (L x W x H): 1,011 x 481 x 509 mm
- » Weight: 23 kg
- » Output: max. 150 kW
- » Flame temperature: >1,000°C
- » Propane-gas pressure: 15 kPa



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