



GOLDSCHMIDT

Smart Rail Solutions



SMARTWELD JET

AUTOMATE THE PREHEATING PROCESS

FOR YOUR ORIGINAL THERMIT® WELD

The Smartweld Jet preheating device from Goldschmidt guarantees the reliable and reproducible execution of the preheating process, ensuring consistently high quality Original Thermit® welds. This device makes your work process both easier and safer. With automation and simplified operation it prevents execution errors that are costly to rectify.

TECHNICAL DATA

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:	20 kPa
Data transfer:	Bluetooth® interface, via Smartweld App

CERTIFICATIONS/APPROVALS

Certified for Thermit® welding processes SoW-5, SkV-Elite L25 to EN 14730

Certified for Thermit® welding process SRZ to EN 16771

Approved by railway companies in Europe and Russia

BENEFITS

- Simplifies the preheating process for the welder by controlling the welding parameters and automatically igniting and monitoring the flame
- Reduces the effort for transport and logistics through eliminating the need for compressed oxygen and by providing the option of using small propane gas cylinders
- Thermit® weld details (preheating parameters, material data, execution details, photo documentation, GPS location) can be recorded in real time in its entirety using electronic means and transferred for evaluation to database solution Dari®
- Optimising the preheating process also protects the moulds thanks to lower temperatures and uniform heat input

CONTENTS

- Smartweld Jet including nozzle
- Gas hose with quick-release connector and pressure drop shut-off device
- Pressure regulator with Euro adapter set
- Power connection cable
- Dari® package
- Free Smartweld App

ACCESSORIES

- Clamping device
- Setting gauge
- Transport and storage box
- Gas leakage shut-off device for propane

