

LORAM

Electric Welding Services Powered by 

- > 250K WELDS PER YEAR
- > 98% UPTIME
- > 99% WELD QUALITY CONFORMANCE

- Specialised electric flash-butt welding teams operating Holland engineered, built and supported equipment in partnership with Loram do Brasil
- Brazilian workforce fully trained in electric flash-butt operations by Holland electric flash-butt experts

- Holland best-in-class electric flash-butt training, research and testing in support of operations
- Onshore warehouse with replacement parts available

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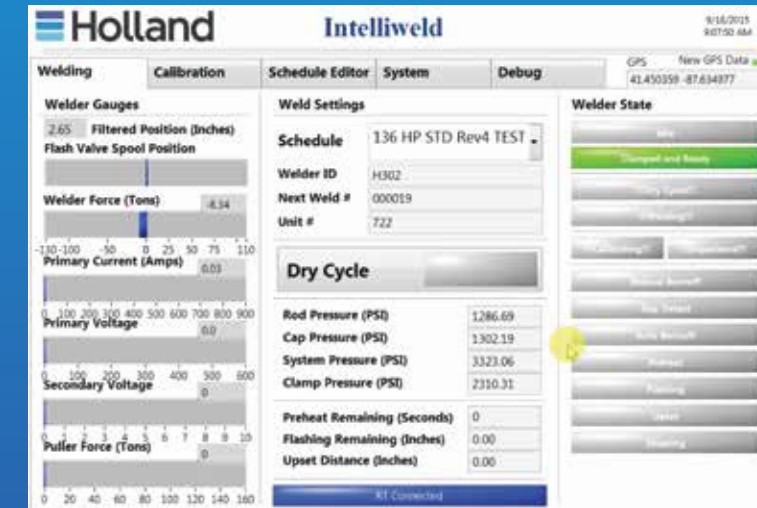
ELECTRIC WELDING SERVICES

Loram do Brasil and Holland have joined to bring the most innovative features in the execution of electric welding for Brazilian railroads, ensuring the highest quality and efficiency in the country's railroad maintenance services.



INTELLIWELD™ CONTROL SYSTEM

The Inteliweld® control system provides unparalleled control over the flashing process & rail consumption. Simple program adjustments allow us to tailor rail consumption to your requirements for localized track structures & target rail neutral temperature. Lower rail consumption reduces the amount of de-clipping and clipping required, improving productivity and reducing labor costs.



FLASH-BUTT WELDING

In-Track Maintenance and New Construction Welding

With the largest mobile flash-butt rail welding fleet in the world, we pride ourselves as pioneers in developing high-quality and cost-effective flash-butt welding technology solutions.

Portable Production Line Welding

The flexibility of setup and the portability of the equipment allows for intra-site work locations. The easily controlled fabrication of specific lengths required for the job make roller line welding a first option for rail fabrication for many projects.

The Inteliweld® Control system is Holland's proprietary welding system and the next generation in our long history of providing the world with the most consistent, accurate, and innovative flash-butt rail welding equipment. Learn more about the similarities and differences between these systems below.

TOP FEATURES

In-Track Destressing

Our 160-ton rail puller consists of a separate tensioning system that allows for complete welding application flexibility from 'free' welds to closure and destressing welds. Upon completing weld cycle, puller remains clamped to rail negating stresses in weld and allowing the welderhead to be moved out of way to immediately inspect the weld visually and its alignment.



- Single System Control: Weld control and data output in one system on the welder head.
- Less than 2 cm rail consumption
- Software attempts to resolve issues during weld / active feedback to prevent unacceptable welds.
- Valve null readings determined during calibration. Used to indicate a potential failing valve before weld is completed.
- Cycles samples every 50 times per millisecond.
- Replacement parts readily available for a better supported control system.
- Real-time automated data collection, weld parameter certification, charting & archiving.
- System designed for industrial mobile applications without the need for shock absorption.
- Certified weld schedule lock to allow upper approved personnel to adjust weld schedule.
- Automated calibration routine.
- Utilizes cellular communication for weld data and reports sent to customers.