

# HRSA

Holland Rail Services Australia



## MOBILE FLASH-BUTT WELDING SERVICES



# 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.

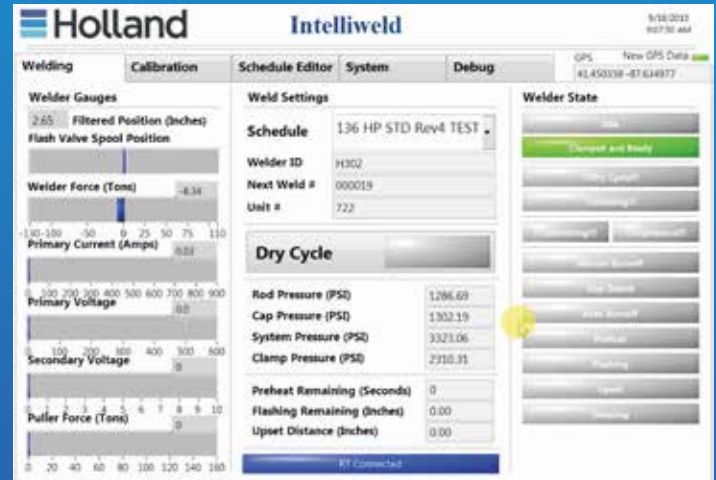
## In-Track Destressing

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.



# INTELLIWELD™ CONTROL SYSTEM

- Low consumption weld capability
- Real-time weld monitoring, control and diagnostics
- Real-time automated data collection, weld parameter certification, charting and archiving
- Real-time automated full fleet operational dashboard



The Intelliweld® control system provides unparalleled control over the flashing process & rail consumption (low consumption welding). 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.

## TOP TEN FEATURES

1. Single system control
2. Hardened electronic equipment
3. Remote welder interface for software updates and troubleshooting
4. Certified weld schedule lock
5. Sub millisecond weld process control
6. Flashing interrupt monitoring
7. In process automated weld parameter adjustment
8. Automated calibration routine
9. Valve null readings determined during calibration
10. Automated weld quality checks

**> 250K WELDS PER YEAR**

**> 98% UPTIME**

**> 99% WELD QUALITY CONFORMANCE**

- Specialised FBW teams operating Holland engineered, built and supported equipment in partnership with Aries Rail
- Australian workforce fully trained in FBW operations by Holland FBW experts
- Holland best-in-class FBW training, research and testing in support of operations

- Mobile, portable and semi-fixed environments
- In-country fleet of 4 MobileWelders and 2 Portable production line welders
- Onshore warehouse with replacement parts available

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