

# Gauge Corner Restoration (GCR) Machine

For Welding Professionals



**A cost-effective solution for the repair and maintenance of worn embedded grooved rails**



The GCR machine is designed to increase welding efficiency and quality for your track repair and maintenance on embedded grooved rails.

Welding Alloys' D3 operating technology allows fully automated control of the welding process, with little operator intervention and provides everything needed to perfectly execute even the most precise welds.

The GCR machine, backed by Welding Alloys technical support, offers an unrivalled solution for the restoration of worn tracks.

## Why choose this solution?

- Reduced cost of repairs
- More productive restoration solution
- Increased quality of repairs
- Traceability (QC & QA)
- Reduced heat input and ultimately HAZ



## Key Features

- Lightweight welded aluminium frame
- The machine accommodates various gauge sizes
- Tactile follower
- Capable of welding up or down 1:10 gradients and 12m radius curves
- Encoder feedback for positioning and motor speed control
- LED light for illuminating welding area

## Additional Options

- Data logger recording amps, volts, travel speed, heat input and rail temperature
- Information downloadable via USB to laptop
- Warning light system

## Control System D3 Pendant

The D3 Pendant control box uses the latest generation D3 technology and is the main control system used to operate most of our modular and portable welding equipment. Small, light and easy to use, it has everything needed to perfectly execute even the most precise welds.



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