

# Portable Boring Solutions

Nicol & Andrew repair worn or damaged bores (e.g. digger buckets) using in-situ line boring and spiral welding equipment. We can orbitally weld and machine damaged or worn bores back to standard size.

## How You Benefit By Portable Boring Solutions

- **Very fast response**
- **Downtime reduced (as little as 24 hours)**
- **Highly Portable (One man for small machines)**
- **Restore damaged bores by welding**
- **Restored to original size & OEM specification**
- **Guaranteed results from 35mm Ø up to 2M Ø**
- **Comprehensive technical backup**

## Fast and Efficient Set Up Of Equipment?

Cleverly designed bearing supports (single or double mount) allow quick and easy erection. Precision split set up cones allow fast centring of the bar to existing bores. Boring bars are available to cope with diameters as small as 35mm and up as large as 2M Ø and beyond.

## Types of Bores Suitable For Repair

Our standard machines will cover all main types of in line pivot housings and bearing pockets including:-

- Digger and Tipper Buckets
- Diesel Engine Blocks
- Presses
- Heavy Plant
- Large Fabrications

## Automated Spiral Bore Welding

Fully automated bore welding can restore damaged bores back to original size. Simply mounted on to a boring bar this provides a quick and easy method of complete restoration.

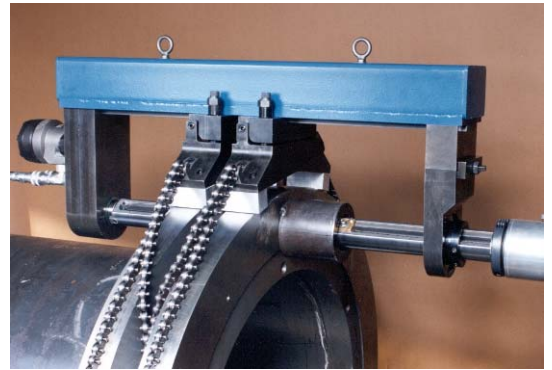
## Optical & Laser Alignment Ensures Precision

We provide a complete service for all applications including main journal pockets including full NDT and laser or optical alignment to ensure a high degree of accuracy.

## Portable Boring Bar Repair Examples



Line Boring A Set Of Digger Bucket Pivot Bearings Approx 60mm Ø



Line Boring 50mm Ø Coupling Bolt Holes On A Turbine Shaft End



Orbital Welding Of A 100mm Ø Bore On a Digger Bucket

UK Agents For



Laser Alignment Equipment

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