



Mecha
ENGINEERED MECHANICAL SOLUTIONS

IKON
LINEBORING

IKON LINE BORING CAPABILITIES

Line boring is an integral engineering practice, seamlessly addressing precision alignment challenges in machinery by precisely machining worn or misaligned bores.

- Minimises Downtime • Enhancing Operational Efficiency & Longevity • Optimisation of Equipment Functionality

Specialised On-Site Line Boring:

Line boring is a pivotal machining process employed to rectify and rejuvenate worn or damaged bores found in equipment, including engines, gearboxes, industrial machinery and earthmoving equipment.

This intricate process revolves around the meticulous machining of cylindrical bores, ensuring their roundness, straightness and adherence to the correct size and alignment.

Typically utilised when a bore has deviated from its original form due to wear, corrosion, or other forms of damage, line boring seeks to restore these bores to their initial dimensions, ensuring the smooth and efficient operation of the equipment.

The advantages of line boring are multifaceted. Primarily, it offers a time and cost-efficient alternative to equipment replacement by facilitating repairs. It also enhances equipment performance and reliability, thereby reducing downtime and boosting productivity.

As a proactive measure, line boring can serve as preventative maintenance, managing potential issues and prolonging equipment asset life.

Line Boring Capabilities:

- We offer self-sufficient service on-site, mobile machines, operated by qualified technicians.
- Extensive range of associated tooling such as large or small facing heads, boring bars, internal support bearings.
- Measuring gear with customised mounting and adaption fixtures, ensuring comprehensive and detailed finishes.
- Fully optioned mobile, powerful, hydraulic and electric mobile line boring machines.
- Welding and boring capabilities of 38mm to 800mm up to a length of 1.2m.



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