

ONSITE SERVICE

CONSULTATION
INSPECTION
MACHINING
FITTING

Since 1969 Hofmann Engineering has provided specialist engineering services to Australia's industry leaders.

Quality Assurance accreditation by Bureau Veritas complements our total quality culture.

Our commitment to continuous quality-improvement touches every aspect of our products, services and customer support.



WORLD WIDE MILL AND KILN SITE INSTALLATION & SERVICE

Installation by the Hofmann Site crew of Hofmann Engineering manufactured girth gear, and a twin pinion self-align gearbox, inching drive & electric motor at a Gold mine in Ghana.



SUGAR MILL GEAR INSTALLATION & ONSITE SERVICES.

- Consultation and Inspection of complete drive train including detailed analysis and reporting.
- Laser alignment and installation of the complete drive train.



HOFMANN ONSITE GEAR RECONDITIONING PROCEDURE

Using the Hofmann case hardened pinion as the accurate master and then precision in-situ grinding and using a special chemical etchant to in-situ recondition the worn mating gear.



DRAGLINE & SHOVEL SITE WORK

Hofmann Engineering completely:

- Inspect, audit and condition monitor critical dragline and shovel components.
- Do complete site installation including machining and welding.



ONSITE MACHINING SLEW BEARING

- Design, manufacture and operation of specialized on-site machining equipment to solve your site machining problem.
- Perform large site machining projects to 14m dia.

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TRUNNION JOURNAL MACHINING AND REPAIR

- Max dia: 3600mm.
- Remove/replace trunnion roller bearings using oil injection and specialized extraction and bearing installation jigs.
- Scrape in white-metal/bronze bearings.



RE-MACHINING TRUNNION FLANGE FACES

- Max dia: 14000mm.
- Onsite removal & installation of trunnion.
- Onsite refurbishment & machining of mill trunnions.



ONSITE MACHINING OF MILL SHELLS

- Special trunnion journal alignment tooling to insure that both trunnion journals are in-line.
- Mill refurbishment.
- Shell crack inspection and weld repairs including stress relieving.



REPAIR TRUNNION BOLT AND LINER BOLT HOLES

- Purpose manufactured tooling for production drilling/boring and tapping.
- Re-bore and sleeve worn liner bolt holes to prevent liner bolts from breaking.



OIL & GAS, RIG EQUIPMENT REPAIRS

ONSHORE & OFFSHORE

- Onsite machining, fitting & laser alignment.
- Gearbox & gears manufactured and repaired.
- Pump and valves installed and serviced.



LASER ALIGNING

- Laser alignments of drive trains for mills, kilns, turbines etc.
- Girth gear/pinion installation.
- Gearbox bore laser alignment inspection
- Engine block crankshaft bore alignment inspection and rectification.



MACHINING GEARBOX MOUNTING FLANGE

- Flange & bore refurbishment.
- Site inspection and drafting.
- Special purpose machinery designed and manufacture to suit your application.
- Bolt tensioning equipment.



LINE BORING ,WELDING AND ON-SITE MACHINING

- Repair of bucket bores.
- Onsite line boring – engine blocks, ship propeller housings, crushers.
- Line boring and drilling to 3m dia x 6m L.
- Milling of keyways and surfaces.
- Site Welding and heat-treatment.



KILN TYRE REFRUBISHMENT BY IN-SITU GRINDING

- Kiln roller and tyre refurbishment by machining and grinding.
- Crusher rolls in-situ grinding to remove uneven wear.