



SERVING  
INDUSTRY for  
**50**  
years  
SINCE 1969

# CRUSHER PARTS & SERVICES

- GYRATORY • CONE • JAW
- SIZERS • ROLLS

Complete crusher solutions from new supply of cast or forged components to overhaul and refurbishment of worn parts. Extensive fabrication, heat treatment and machining departments can accommodate individual components up to 200 tonnes, allowing for a complete crusher to be manufactured 'under one roof'.



**MAIN FRAMES** New and refurbished

**MINERAL SIZERS**



**SPIDERS & ANCILLARY  
COMPONENTS**



**INTEGRAL MAIN SHAFTS,  
CORES & MANTLES**



**JAW CRUSHER COMPONENTS  
& WEAR LINERS**



**ROLLS CRUSHERS - HARD  
FACED, WHITE IRON &  
SEGMENTED**



**BEVEL GEARS**



**CONE CRUSHER HEADS**



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## CRACKED & WORN MAIN SHAFT REPAIRS

Hofmann Engineering can weld repair Crusher Main Shafts that OEMs consider irreparable or where a replacement is not readily available. Hofmann Engineering also manufactures new shafts to suit all types and makes of crushers.



### WELD PREPARATION

- Crack is machined out.
- Weld prep machined to generate alignment datums and to suit the sub arc process.



### WELD MANAGEMENT

- Hofmann Engineering has in-house welding metallurgists to develop weld procedures for these demanding and challenging jobs.
- Submerged arc welding.



### POST HEAT TREATMENT

On completion of welding, the entire shaft is stress relieved in a purpose-built oven that allows the shaft to be rotating throughout the process.

## COMPONENT REBUILDS: LOCKING & ADJUSTMENT RINGS, HEADS & BOWLS



### WELDING

All weld repairs are monitored throughout the process. This allows Hofmann Engineering to fully endorse challenging repairs, such as cracked or broken adjustment rings.



### MACHINING

All items are finish machined to OEM specifications. Threads are machined using a 5-axis vertical borer to ensure pitching accuracy.



### ASSEMBLY

Components can be partially or fully assembled to reduce downtime during component changeouts.

## WORKSHOP & SITE SERVICES PROVIDING MINE SITES WITH THE COMPLETE PACKAGE



### SUPPLY OF BEVEL GEARS

Supplied to AGMA 10 quality, either:

- Quench & tempered to 360 BHN.
- Induction Hardened to 56 HRC.
- Case Carburised to 60 HRC.



### SPECIAL REQUIREMENTS

Hofmann Engineering will develop and manufacture special crushers to meet specific product or customise existing equipment to suit specific needs.



### SITE & BREAKDOWN SERVICE

Experienced Site Services team for installation, site inspections and commissioning for planned or unforeseen shut downs.

## HOFMANN ENGINEERING PTY LTD

3 Alice Street, Bassendean (Perth) Western Australia 6054 **T** +61 8 9279 5522 **F** +61 8 9279 9386 **E** mail@hofmannengineering.com

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**AUSTRALIA:** PERTH | MELBOURNE | BENDIGO | NEWCASTLE  
**INTERNATIONAL:** CHILE | PERU | INDIA | CHINA | NORTH AMERICA

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