

SERVING
INDUSTRY for
50
years
SINCE 1969

HPGRs HIGH PRESSURE GRINDING ROLLS

Driven by a passion to manufacture cutting-edge technology of the highest quality, Hofmann Engineering has established its global position as a reliable supplier of improved and customised HPGR components and services for all major OEMs. Wear components and stud arrangements are tailored to suit ore types, feeds and operating conditions. Hofmann Engineering offers NEW, RESIZED and REFURBISHED "AS NEW" tyres. Cheek plates and other wear components are custom designed to suit specific applications. Hofmann Engineering combines comprehensive engineering knowledge with significant capabilities in detailed design, manufacturing, fabrication and metallurgy to truly be a ONE STOP SHOP for the manufacture of optimised and improved HPGRs. Hofmann's HPGRs aim to reduce downtime and operating costs through the improved service life of all HPGR components.



Tungsten carbide blocks, bolt on retaining clamp plates and soldered Tungsten Carbide pieces (Patent no: 2011301142).

- Individually clamped • Can't break off
- Individual blocks can be replaced.



**COMPLETED HPGR ASSEMBLIES LEAVING HOFMANN
PERU'S PRECISION MACHINING WORKSHOP IN AREQUIPA**

©Copyright 2019, Hofmann Engineering Pty Ltd.



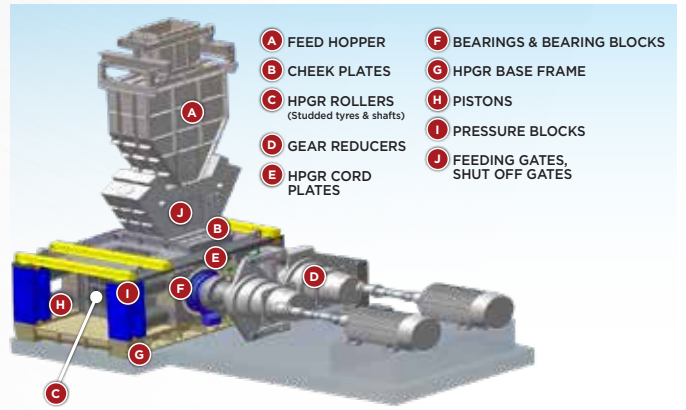
FEED SYSTEMS



PLANETARY GEARBOX DRIVE



CHEEK PLATES

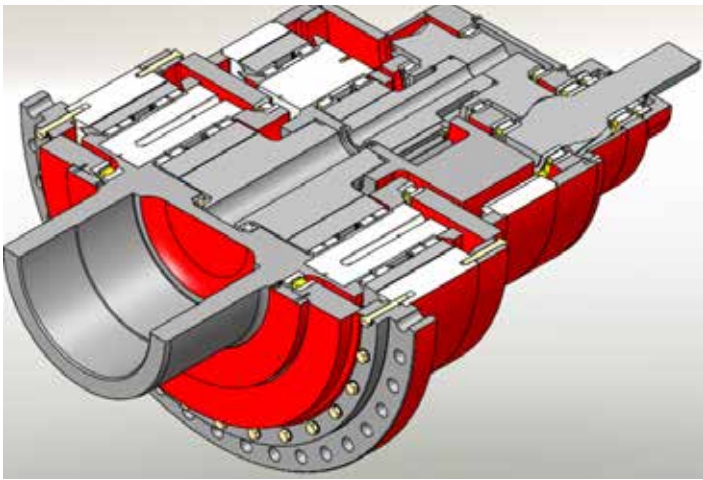


HPGR IMPROVEMENT PARTS

- A** FEED HOPPER
- B** CHEEK PLATES
- C** HPGR ROLLERS (Studded tyres & shafts)
- D** GEAR REDUCERS
- E** HPGR CORD PLATES
- F** BEARINGS & BEARING BLOCKS
- G** HPGR BASE FRAME
- H** PISTONS
- I** PRESSURE BLOCKS
- J** FEEDING GATES, SHUT OFF GATES

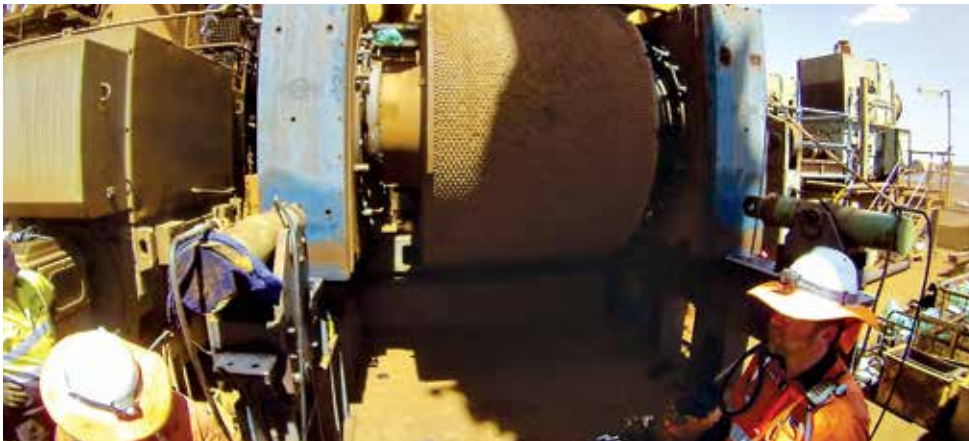
EXTENSIVE WORKSHOP CAPABILITIES

Hofmann Engineering has significant capacity to manufacture and refurbish HPGRs with 200t lifting capacity, 4 stress relieving furnaces and over a dozen vertical and floor borers. Hofmann Engineering also has purpose built submerged arc welding machines, bearing refurbishment capabilities and purpose built stud extraction machines.



Complete design, new manufacture and refurbishment of **planetary gearboxes** for HPGRs. Component part numbers cross referenced against OEM gearboxes.

Above: Hofmann refurbished P2SA-38 (2800kW) HPGR Gearbox under load test.



HOFMANN HPGR FIELD SERVICE

The Hofmann HPGR service team provides expertise at all levels to meet customer requirements across the globe. The range of specialist site staff covers all areas, from mechanical installation, to hydraulic and electrical specialists, to complete site supervision assignments. These teams manage complete HPGR installations, gearbox monitoring and refurbishment services, roller changeouts, machine commissioning, complete machine inspections, condition monitoring, in situ repairs and overhauls.

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

©Copyright 2019, Hofmann Engineering Pty Ltd.

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

www.hofmannengineering.com