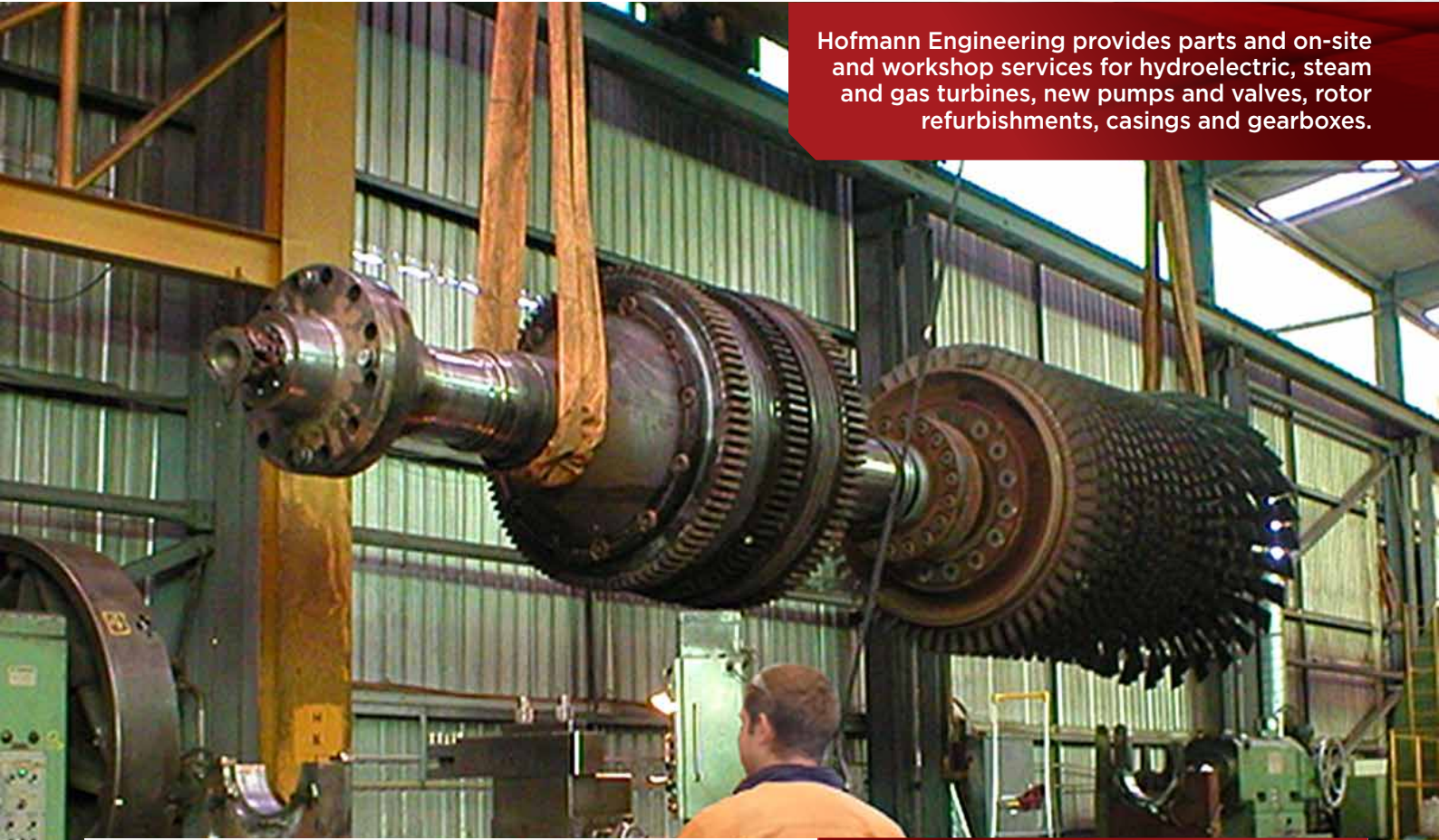


SERVING  
INDUSTRY for  
**50**  
years  
SINCE 1969

# POWER STATIONS PARTS & SERVICES

- STEAM TURBINES • COAL PULVERISING
- GAS TURBINE GEARBOXES

Hofmann Engineering provides parts and on-site and workshop services for hydroelectric, steam and gas turbines, new pumps and valves, rotor refurbishments, casings and gearboxes.



## COMPLETE TURBINE OVERHAUL WORKSHOP

- 200 tonne crane facilities
- Bead blasting facilities
- Metrology laboratories including Coordinate Measuring Machines
- Portable Coordinate Measuring Machines
- Laser trackers
- Turning to 4.1m dia x 10m long and 1.87m dia x 35m long
- Floor borers up to 22m travel
- Vertical borers up to 15m dia
- 5-axis CNC machining centres up to 22m
- Machining of titanium
- Largest heat treatment facility in Australia
- Metallurgical laboratory



©Copyright 2019, Hofmann Engineering Pty Ltd.

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

[www.hofmannengineering.com](http://www.hofmannengineering.com)



### MANUFACTURE & REFURBISHMENT

- New seals from castings. (including S/S) or forgings.
- Re-engineering from samples.
- Re-caulking of seal strips to refurbish diaphragm seals.



### MACHINING CASINGS

Casings are assessed for signs of distortion and re-machined if required.



### MACHINING ROTORS

Removal of worn blades, replaced with new finish-machined blades.



### GAS TURBINE GEARBOX INTERNALS

All components can be fully inspected, manufactured or refurbished. Gearing is precision ground to DIN 3 quality.



### GAS TURBINE GEARBOX REFURBISHMENTS

Refurbishment service comprises of strip & assess, re-machine and/or replacement of parts and load testing.



### COAL MILL GEARBOX REFURBISHMENTS

- On-site removal.
- Manufacture of components.
- Worm & wheel manufacture.
- Total refurbishment.
- On-site installation.



### SITE SERVICES

On-site inspection with Portable Coordinate Measuring Machines (PCMMs) which can measure Ø2.4m to an accuracy of 0.025mm (0.001") in one set up. The photo shows an operator performing a flatness check on a lower casing with a PCMM. Other portable measuring equipment includes laser trackers which can span 25m in one setup.



### SPARE PARTS

- Studs from high temp steel.
- Stainless steel springs.
- Governor valves, rollers, positioners etc.
- Cylinder locking strips.
- Control shafts.



### OVERHAULING A COMPLETE TURBINE ARRANGEMENT

- Offering complete turbine overhauls.
- An on-site customer office is available on request.

## 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](http://www.hofmannengineering.com)