

**HOFMANN
ENGINEERING**

SHOVEL

**REPLACEMENT
PARTS**

**BUCYRUS
MARION
P&H
PAGE**



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

Quality Assurance certification by Lloyds complements our total quality culture.

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

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SWING PINIONS

- **Pinion Shaft Quenched & Tempered**
- **Induction Hardened** Gear teeth & Spline before finally shot peening the stressed shaft area. The F.E.A. performed on this re-design confirms a 50 x life improvement.
- **Pinion** can also be supplied fully assembled with Bearing & Cartridge ready to install.



HOIST ROPE DRUMS

- **New Forge Fabricated** alloy steel rope drum, Induction hardened 56-58HRc.
- **Induction hardened** drum seal.
- **New Forged Alloy Steel Drum Shafts** through hardened.
- **Service Exchange** and re-lagging available.

HOIST GEARBOX PINIONS

- **Forged alloy steel**
- **Case Carburised** Pinion, 58-62HRc, precision ground to AGMA 12.
- As per above examples of P&H 4100A Hoist Input Pinion, and Bucyrus495 Hoist Intermediate Pinion.



HOIST DRUM GEARS

- **New Forge Fabricated** Drum Gear 330-360BHN core hardness.
- One piece T-section construction.
- **Full Contour Induction hardened** gear teeth to 54-58HRc and precision ground to AGMA 10 quality.