



# Dragline Part Supply, Fabrication and Erection

ENSHAM MINE, QUEENSLAND

## PROJECT OVERVIEW

**CLIENT:** Bucyrus Australia  
**PROJECT OWNER:** Ensham Resources  
**DURATION:** July 2005 - March 2007  
**ENVIRONMENT:** Greenfield  
**PEAK MANNING:** 100 people

G&S Engineering completed the Structural, Mechanical Erection and Electrical and Instrumentation (SMP&EI) installation of one Bucyrus 8750 Dragline (approx weight 6500t) at the Ensham Mine. G&S also provided support for the commissioning of the dragline.

Scope of Work included:

- Fabrication of dragline base, rotating frame and walking shoes in the G&S Mackay workshop;
- Provision of erection pad electrical and air reticulation and office facilities;
- Erection of the machine including onsite machining of base, rotating frame machinery pads, swing bores, propel bores and boom foot bores;
- Provision of all onsite crange; and
- Onsite abrasive blasting and protective coatings of components.



**SAFETY IS OUR FIRST  
CONSIDERATION**