



# Supply and Installation of Stacker Reclaimers

ABBOT POINT COAL TERMINAL, QUEENSLAND

## PROJECT OVERVIEW

**CLIENT:** FAM Queensland  
**PROJECT OWNER:** Ports Corporation of QLD  
**DURATION:** Jan 2009 - Nov 2011  
**ENVIRONMENT:** Greenfields

Located 30 km north of Bowen in Queensland, the Abbot Point Coal Terminal is a major exporter of Coal from the Galilee Basin.

As part of an expansion to the port, G&S Engineering was engaged to undertake the major structural component supply and the structural and mechanical erection, for four new FAM German designed stacker reclaimers. These were the first FAM machines sold into Australia.

G&S utilised our manufacturing workshops to undertake heavy plate fabrication and welding of the four substructures and superstructures in large pre-assembled pieces which reduced onsite work.

Following fabrication, G&S supplied the construction equipment, crange, supervision and labour for the installation phase of the project. The assembly and installation encompassed major equipment including: bogies; substructures; slew bearing and machining of paths; superstructure; boom and mast structures; counterweight boom and counterweight; bucket wheel and drive systems; on-board conveyors; and piping and hydraulic installation.

## PROJECT HIGHLIGHTS

G&S took an innovative construction approach by changing the OEM's recommended build sequence to allow greater on the ground pre-assembly. This new build sequence has since been implemented by the OEM as standard procedure.