



**ALLIED INDUSTRIAL
ENGINEERING**

Quality Engineering Solutions

Pulp & Paper Industry

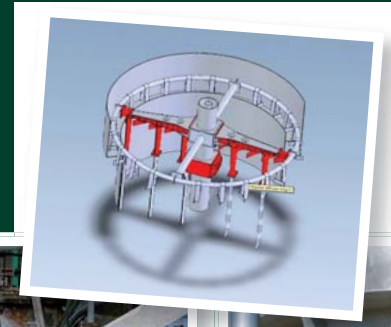




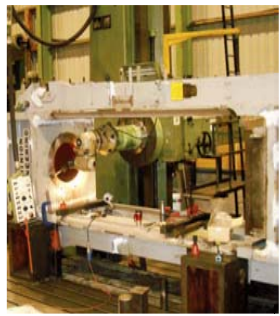
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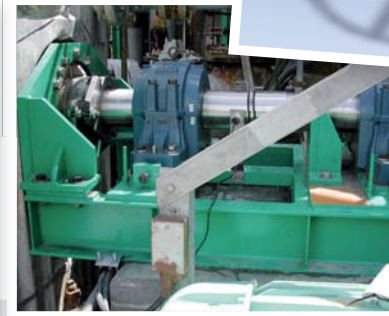
*Top Arm assembly
for Washer Diffuser
Upgrade*



Complete overhaul of 1000 tonne Pulp Bale Press.



Design and manufacture of Heavy Duty Press Roll



Design and manufacture of Agitator



*Design, manufacture and installation of Washer
Diffuser Upgrade to increase stroke and capacity*

The Pulp & Paper Industry

Allied Industrial Engineering (AIE) is able to deliver a range of superior solutions for Pulp & Paper plant and associated equipment. AIE evolved from the machine shop of a Pulp & Paper plant, and therefore has an in-depth understanding of the engineering and operational requirements of the Pulp & Paper industry.

At AIE we demonstrate dedication to ensure the satisfaction of our customers through a complete understanding of their requirements and by ensuring our products and services meet, or exceed, their expectations.

Our design and engineering experience and capabilities, complemented by a world class workshop facility, mean AIE is a "one stop shop" for a wide range of Pulp and Paper plant requirements.

Management and key staff of AIE have held senior engineering and maintenance roles

within the Pulp and Paper industry, and as a result have a thorough understanding of the process and plant requirements particular to your industry.

Our Kawerau workshops are located in the heartland region of the New Zealand Pulp and Paper industry, and our close proximity to the Port of Tauranga, New Zealand's largest port, means plant and equipment can be efficiently and safely transported to and from other countries.

In order to meet customer demand, our expertise and capabilities have grown over the years. We are now able to offer total solutions to engineering and operational problems in the Pulp and Paper industry, including but not limited to:

- Maintenance and reliability issue investigation and problem solving
- Feasibility studies of possible solutions
- Engineering design and draughting using 3D modeling and Finite Element Analysis (FEA)
- Project management and site supervision of projects
- Manufacture and refurbishment of plant and equipment
- Major maintenance and manufacturing projects from Digesters and Diffusers to Pulp and Paper press sections.
- Installation and commissioning of new and refurbished plant and equipment
- Provision of skilled and qualified site fitters and fabricators for maintenance projects
- Computerised Dynamic Balancing of rotating plant and equipment up to 30 tonnes, to ISO 1940 class G1 and higher
- Precision and cost effective machining and fabrication of large components up to 62 tonnes

Our Quality Management System (QMS) meets the requirements of ISO 9001, and we place a high emphasis on documented systems and procedures. This means we are able to guarantee high quality products and services at all times.

Our 62 tonne lifting capacity, combined with large machine tools and open workshop space means we are able to efficiently handle, machine and fabricate large components for the Pulp and Paper industry.

Our staff's dedication to getting projects completed on time by being able to work long hours at short notice if required, along with our customised planning systems and project management skills mean we are able to guarantee tight lead times for critical projects.

We look forward to the opportunity of being of assistance to you and your engineering team.



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