



**BRIGHTWATER
ENGINEERS**

SOLUTION PROVIDERS TO INDUSTRY



Concept



Design



Manufacture



Install

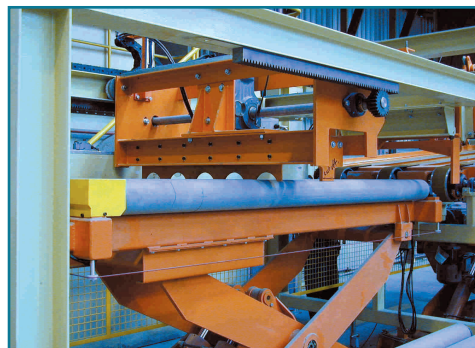
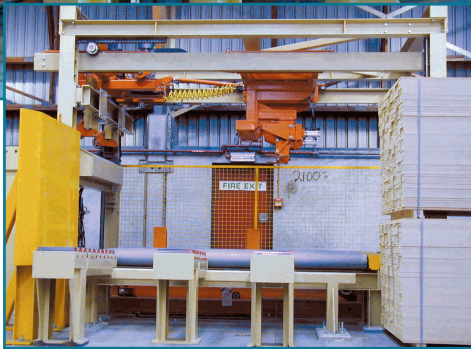


Commission

PROJECT REPORT

MDF BOARD INSPECTION LINE

NELSON PINE INDUSTRIES LTD, RICHMOND, NEW ZEALAND





BRIGHTWATER ENGINEERS

MDF BOARD INSPECTION LINE

The Situation

Nelson Pine Industries Ltd is a world leader in the manufacture of Medium Density Fibreboard (MDF). The company produces 400,000m³ of MDF panels per year in 168 size multiples. The board inspection operation required MDF board to feed through the system at 40 metres per minute.

The Solution

Brightwater Engineers designed, manufactured, installed and commissioned the fully automatic board inspection and packaging system to meet the demands of the plant.

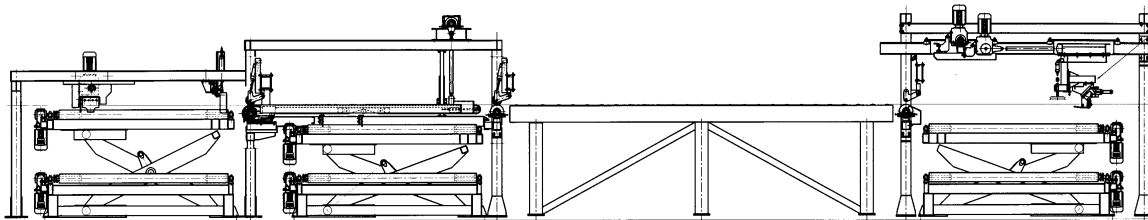
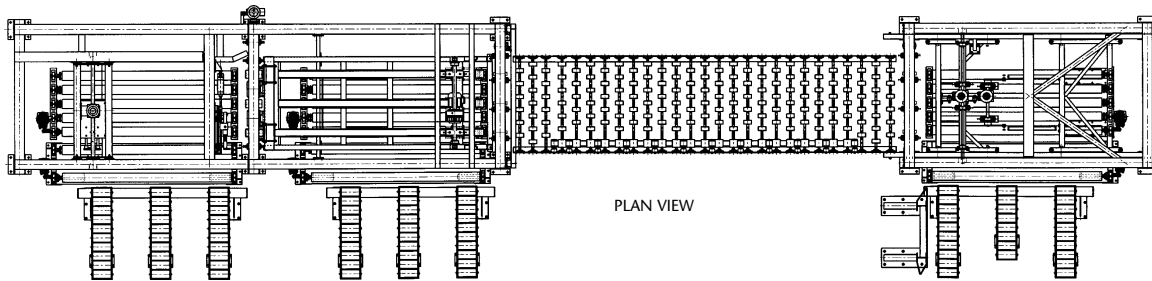
The Benefits

- Turnkey project with in-house design
- Customised design
- Delivery to budget

The Specifications

The board sizes handled are 1,830mm by 1,220mm and 2,400mm by 1,220mm. Thicknesses range from 2.5mm to 32mm. The complete board inspection line system comprises:

- Fork lift pack receival area
- Pack de-stacker
- Inspection table/conveyor
- Reject board and pack forming station
- Premium board pack forming station
- Fork lift pick-up area and roll case conveyor.



Brightwater Engineers Ltd

New Zealand Office:

Address 7 Spencer Place, PO Box 43, Brightwater,
Nelson, New Zealand.

Tel +64-3-543-5300, Fax +64-3-543-5301

Email inquiries@brightwater.co.nz, Web <http://brightwater.co.nz>

Australian Office:

Address 164 Adelong Rd, PO Box 792,
Tumut 2720, Australia.

Tel 61 269 474 788 Fax 61 269 474 789

Email humphris@tpgi.com.au