

HOME OF QUALITY NEW ZEALAND PINE



Welcome from the CEO

New Zealand Pine, grown in the lower part of the South Island, has a large number of very special characteristics that make our product highly suitable for the manufacture of furniture and products where appearance matters. The Southern Region of New Zealand is blessed with ample rainfall through the summer months of the growing season. All the summer rainfall means our wood is consistently lighter in colour and has less resin pockets, both important attributes to appearance markets.

Craigpine's Timber is milled entirely from renewable plantations and we voluntarily comply with stringent environmental guidelines across all our forests and operations. Where required by our customers, Craigpine Timber Ltd supplies timber with FSC certification and demonstrating our leadership in environmental performance, we were the first to be able to offer FSC in Australasia.

Our workforce is stable, experienced and dedicated to delivering to you, our very important customer, Craigpine Timber, on time and of the highest possible quality to meet your specification.

Craigpine Timber Ltd is a privately owned company, established in 1923, and governed by a Board of Directors. We own a number of timber plantations, which ensure ongoing consistent supply. Our modern and technologically advanced sawmill produces 140,000m³ of sawn timber output per annum.

Our commitment to our customers:

- Timber of consistent quality
- Prompt shipment
- Enduring, mutually beneficial business relationships



WINTON

The history of Craiggpine Timber

Craiggpine Timber Ltd is a private company, specialising in getting the very best out of the Southern South Island Radiata logs. Established in 1923 as Port Craig Timber the company was at the leading edge of technology used in the early sawmilling industry. Since the early days Craiggpine has run or built no less than thirteen sawmills scattered over the mid to lower South Island. Today, Craiggpine's main activities are running its' single sawmill in Winton.

Craiggpine Timber Ltd has invested in technology for optimisation: geometric optimisation at the headrig and biometric together with geometric at the Edger, trim saw and on the dry chain help to consistently deliver value to our customers. We continue the legacy of our predecessors, using technology to aid the successful conversion from logs to timber that matches our customers' requirements and manufacturing needs.

The company is owned by the Black family, who descend from Sir Arthur Sims' only daughter Margaret Black. Sir Arthur Sim was a first class and international cricketer playing for both New Zealand and England. He was also a very successful businessman in a number of agricultural businesses.

Notable events over the years

1916

Two key players of the Marlborough Timber Company Daniel Reese and John Craig began preparations for logging native New Zealand Rimu in the South West of New Zealand.

22 September 1921

Official Opening of Port Craig Mill in the South West of New Zealand.

23 August 1923

The first load of timber was delivered to Bluff.

20 November 1923

Port Craig Timber Company was incorporated to oversee Port Craig Mill operations and sell its timber from new Invercargill offices.

1936

There is a huge increase in demand for Timber the Depression years are over, in 1938 there were 5 times more houses under construction compared to 1932.

1948

The supply of Rimu was not keeping up with demand; New Zealand Beech began to be processed too.

1970s

Marshall & Sons Sawmill in Winton was taken over after 4 years of negotiations and careful planning by Mrs Margaret Black for the opportune moment.

1988

The name of company changes from Port Craig Timber Company to Craiggpine Timber Ltd, to reflect its main business of procuring and selling radiata pine.

1997

The company wins Tradenz award for exporting Award recognised Craiggpine's success of doubling exports during the year and increasing exports to China by 600% over the previous 3 years.

1998

Craiggpine Timber Ltd was issued its Forest Steward Council (FSC) Certificate on 4 February. In late 1997 Craiggpine Timber was the first forestry company in Australasia to comply with FSC accreditation.

2000-2012

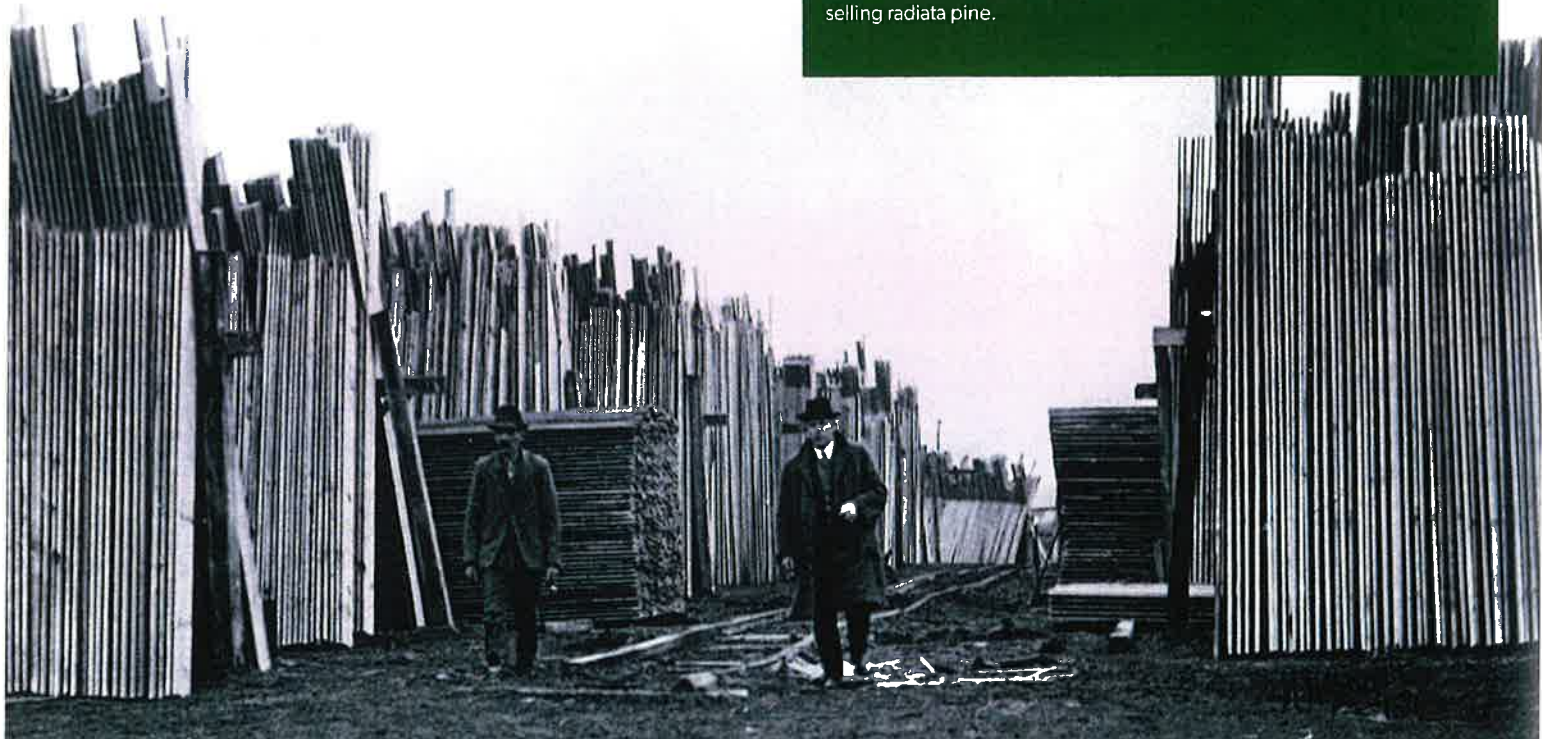
Craiggpine Timber with the help of the Black family, have spent a considerable amount upgrading the Winton Mill; new Windsor Kilns were installed in 2000, a large Bin Sorter was installed in 2007 and a state of the art Sling Sorter was recently completed, ensuring Craiggpine will continue to be a first class timber supplier worldwide.

1 July 2012

City Forests Site in Milburn leased resulting in Craiggpine having more kiln drying capacity and better access to pruned log resource.

Today

Investment in technology for biometric scanning and optimisation.



Forest management policy

Craigpine Timber owns some smaller local forests of Radiata Pine and these forests are managed to a high quality pruned regime, to supplement supply to the mill, and compliment business opportunities. Craigpine forests are certified to Forest Stewardship Council standards that guarantee best practice and sustainable forest management. Environmental Certification provides access to wider market opportunities for the mill's end product.

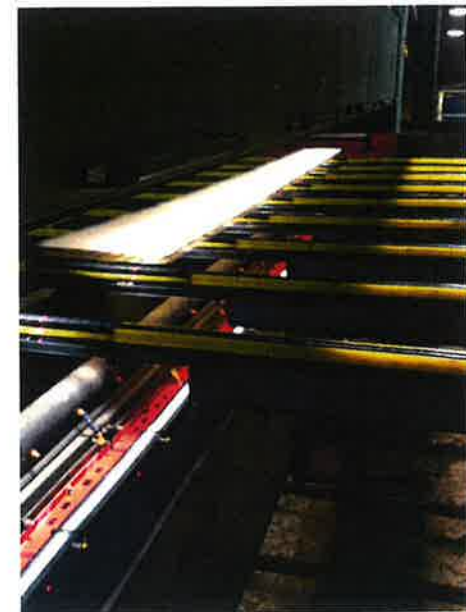
Craigpine's forests in Southland are grown on fertile, productive sites suitable for the production of pruned sawlogs and logs suitable for furniture and other uses where appearance matters.



Craigpine's sawmill

In 1970 Marshall and Sons Sawmill in Winton was taken over by Craigpine Timber Ltd. The site proved to be well situated to source and mill wood from Southland and lower Otago, then to distribute this quality timber throughout the world.

Since the 1970s the site here at Winton has been continually developed to ensure Craigpine continues to be a first class timber supplier worldwide. Our most recent additions are focused on optimisation. The Headrig has Geometric optimisation scanning. The Edger, and Trimsaw have Biometric and Geometric optimisation scanning ensuring the boards we cut from our logs match our customers' requirements. The final grading is also done with Biometric scanning technology, removing the higher variability that naturally occurs with human grading.



New Zealand Pine

New Zealand Pine yields a strong, economical and versatile light-coloured timber. Tall clear trunks produce timber highly suited for furniture and all forms of show wood applications.

New Zealand Pine is:

- **Natural**
- **Versatile**
- **Adaptable**
- **Strong**
- **Sustainable**

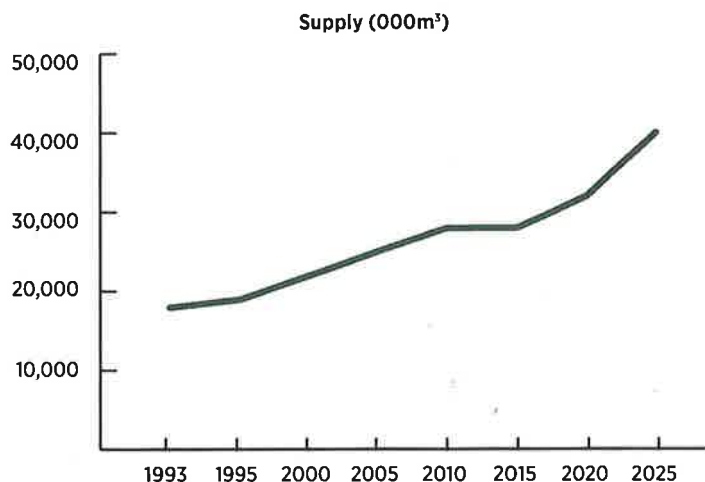
New Zealand Pine has extremely good gluing properties and excellent dimensional stability. It accepts stain and clear finishes evenly. The even texture of New Zealand Pine gives it superior machining qualities. Ease of moulding, turning and planing are its strong features.

Kiln drying

The moisture content is critical for any wood species used for the manufacture of high quality furniture products. Craigpine Timber Ltd has invested heavily in advanced and modern kiln drying facilities. We use the latest kiln drying computer programmes as well as a number of stringent quality checks. Craigpine Timber Ltd is a *NZ DRI Licensee* and we pride ourselves on producing high quality, stress free and consistently dried New Zealand Pine.

Supply

New Zealand is fortunate to have a growing volume of plantation forest estate available for harvest as indicated below.



Our resource

We maintain a sustainable harvesting programme. This ensures an ongoing consistent supply for our customers.



Craigpine Timber Ltd is proud to have been the first Australasian company to achieve FSC certification in 1998 and we are able to offer our customers FSC timber when required. Read more about this on craigpine.co.nz

CRAIGPINE CLEARS

Our highest quality grade is ideally suited where a long length clear is required. Due to its light colour and clean appearance, Craigpine Clears require a minimum of processing to achieve an excellent finish.

Specifications

Knot free on two faces and two edges.

Sizes

25 × 100 – 125 – 150 – 200 – 250 – 300

32 × 100 – 150 – 200

40 × 100 – 150 – 200

Drying

Kiln Drying - 8% - 12%

Lengths

2.1m – 6.0m



CRAIGPINE #2 CLEARS

Our second highest quality grade which is ideally suited for uses where a long length clear is required and the back face is hidden. Due to its light colour and clean appearance Craigpine #2 Clears grade requires a minimum of processing to achieve an excellent finish.

Specifications

Knot free on one face and two edges.

Sizes

25 x 100 - 150 - 200 - 250 - 300

32 x 100 - 150 - 200

40 x 100 - 150 - 200

Drying

Kiln Drying 8% - 12%

Lengths

2.1m - 6.0m



CRAIGPINE SELECT GRADE

Craigpine Select Grade is a fall down grade from our clear programme.

Specifications

This is an economical high grade generally made up of sap wood that could have an edge knot, knots or blemishes on both faces either from a single source or multiple.

Sizes

25 x 100 - 150 - 200

32 x 100 - 150 - 200

40 x 100 - 150 - 200

50 x 100 - 150 - 200

Drying

Kiln Drying 8% - 12%

Lengths

2.1m - 6.0m



CRAIGPINE PREMIUM CUTTINGS

This unique Craigpine grade is renowned for its high yield of clear cuttings and is ideally suited for the manufacture of all quality furniture items.

Specifications

This grade is a combination of 30% #1 Cuttings and 70% #2 Cuttings.

Sizes

25 × 100 – 150 – 200

32 × 100 – 150 – 200

40 × 100 – 150 – 200

50 × 100 – 150 – 200

Drying

Kiln Drying 8% – 12%

Lengths

2.1m – 6.0m



CRAIGPINE FURNITURE

A distinctive grade which is ideally suited for the manufacture of furniture and appearance boards where a knotty finish is required. Excellent recoveries are achievable as this grade can be used in its entirety.

Specifications

Knots will be live on the best face and less than one half of the width. Cone holes may be present in the occasional piece.

Sizes

25 × 100 – 150 – 200

32 × 100 – 150 – 200

40 × 100 – 150 – 200

50 × 100 – 150 – 200 – 250 – 300

100 × 100

Drying

Kiln Drying 8% – 12%

Lengths

2.1m – 6.0m



CRAIGPINE STANDARD

This versatile and economical grade is ideally suited for the manufacture of furniture, handicraft and framework. Good recoveries of short clear lengths are also achievable.

Specifications

This grade has no restrictions on knot size and number of knots. However, Standard Grade is pith and decay free with limited resin.

Sizes

25 x 100 - 150 - 200

32 x 100 - 150 - 200

40 x 100 - 150 - 200

50 x 100 - 150 - 200

Drying

Kiln Drying: 8% - 12%

Lengths

2.1m - 6.0m



CRAIGPINE INDUSTRIAL

A packaging and pallet making grade which is also suitable in the full length as supplied for temporary construction and other similar uses.

Specifications

Any number or combination of defects shall be permitted provided that the pieces shall hold together during the course of normal handling

Sizes

25 x 100 - 150 - 200

32 x 100 - 150 - 200

40 x 100 - 150 - 200

50 x 100 - 150 - 200

100 x 100

150 x 100

Drying

Kiln Drying 8% - 12%

Lengths

2.1m - 6.0m



Established in 1923, and based in the lower part of the South Island, Craigpine Timber Ltd. supplies branded New Zealand Pine to both international and domestic markets.



Kiln drying

The moisture content is critical for any wood species used for the manufacture of high quality furniture products. Craigpine Timber Ltd has invested heavily in advanced modern kiln drying facilities at our Winton Sawmill.

Staining

New Zealand Pine is an extremely versatile wood and readily accepts the many stains that are available. Unique to southern New Zealand our consistent light coloured wood allows it to be stained to look like other species, with colour matching being particularly effective.

Machining

The superior machining properties of New Zealand Pine are a result of even texture and relatively small differences in density between early wood and late wood. Ease of moulding, turning and planing are strong features.

New Zealand Pine properties

Modulus of Rupture (Mpa)	40 – 60
Modulus of Elasticity (Mpa)	8000 – 9500
Basic Density (kg/m ³)	450 – 500
Newtons (side hardness)	3500 – 4000

A comparative study of New Zealand Radiata Pine and selected Asian species

	Turning	Dimension & Stability	Cross Cutting	Planing & Shaping	Gluing	Planing & Moulding
NZ Pine	4.1	4.2	3.8	4.2	4	4.8
Ramin	4.3	3.5	2.9	4.5	3.5	4.5
Jelutong	4.3	4	4.1	4.5	2.5	4.8
Nyatoh	3.4	4.1	2.5	4.2	3.6	4.7
Merkus Pine	—	4	4	4.2	4.5	4.5
White Seraya	3.8	4.4	4	4.2	4.5	4.5
Rubberwood	4.2	4.2	3.1	4.1	4.2	4

1 Very Poor 2 Poor 3 Fair 4 Good 5 Excellent

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1996 Forest Stewardship
Council AC
SGS-COC-0098
Winton Sawmill