

# PT Truss Chords

Introducing Programmed Timber (PT) Truss Chords.

Made using  
Solar Power

Sustainable  
Forests



Programmed  
Timber



# PT Truss Chords

Truss chords form part of the Programmed Timber range of products supplied to frame & truss plants as well for modular off-site building manufacturers.

The generally short and often repeating nature of hip end creeper chords (top & bottom) are the basis of the Programmed Timber chord range that allow the users to gain a true benefit by providing better utilisation of their material, capital and labour resources. Valley truss and Jack chords are also available. The commitment of regular and reliable supply over more than 2 decades has not only allowed Programmed Timber customers to have an absolute manufacturing cost advantage but additionally, confidence of availability throughout more volatile supply & demand cycles.

## What truss chords do Programmed Timber produce?

Programmed Timber limits production to the short (expensive per cubic metre when produced inhouse) chords used to make up hip ends and for valley trusses in structures. The critical elements of chords are their capacity to bear the roof loads applied, their ongoing rigidity to prevent roof sag and the length & cut angles accuracy. Roof trusses in Australia are almost entirely made from 35mm thick timber. Programmed Timber produce 90x35 truss chords.

## How will using pre-cut bought in truss chords improve my business?

Purchasing pre-cut truss chords, like other pre-cut products from Programmed Timber addresses the 3 primary elements of resource utilisation efficiency.

1. Material – The source material used in Programmed Timber truss chords comes from an allocation of reliable domestic softwood resources that are not subject to commodity structural framing supply availability or will affect supply of that structural framing.
2. Capital – The Programmed Timber processing operation is of significant scale and volume throughput. The capital commitment has been made by Programmed Timber to produce short truss chords significantly faster than what can be produced in an individual plant.
3. Labour – Short length truss chords, like all other short length timber components unavoidably have a high cost per cubic metre (high number of cuts per cubic metre). Reducing the number of short components produced in-house and replacing them with zero labour cost bought in chords will always reduce production cost. The disproportionate labour required for the resultant small volume is either not required or can be redeployed to more productive areas in the plant.

Frame & truss plants can detail their roof plan to have commonality in the chords used in hip ends and valley trusses. Once commonality is designed in, a manufacturing benefit can be achieved rather than each and every chord having to be made specifically.

## What you can rely on

Programmed Timber pre-cut truss chords are an integral part of our product range. This means our company is committed to ongoing quality and availability expectations. Inventory management and automated resupply options are available to our customer's truss chords and all other product.

**Contact us today to learn more about our products and when we are delivering into your area.**

Programmed Timber  
44 Links Road  
St. Marys NSW 2760

Tel 02 9623 7866  
contact@pttimbers.com.au  
www.pttimbers.com.au

## Specification

**Dimensions:** ■ 90x35

**Lengths & Shapes:** ■ All Programmed Timber truss chords are produced to each customer's individual specification including up-cups, double mitres, heel and plumb cuts.  
■ Typically, a customer will stock 6 – 10 of their most commonly used short repeating chords. Programmed Timber hold the detail of each component on file and produce as required on a 'short turnaround' basis.

**Treatment:** ■ Untreated, H2F

**Packaging:** ■ Programmed Timber produce full packs (90x35 144pieces).  
■ Packs are usually plastic wrapped for weather protection. Plastic can be left off to reduce disposals at plant or on site.  
■ Programmed Timber are able to produce custom pack sizes to suit individual plant requirements.

**Grading:** ■ Feedstock is graded through our Goldeneye scanner ensuring a superior F7 structural grade that is compliant to AS/NZS 2858.1 – 2008 visual grade specification. Continual monitoring and external verification programmes (including testing to AS/NZS 4063.1 – 2010) provide confidence and certainty of the grade claims.  
■ H2F truss chords are individually marked to comply with AS1604.