

About:

The idea behind Kiln Dried Hardwoods was born in the late nineties by David Brabazon and Neil Willis, both of whom had a keen interest for the environment and green living. They were concerned at the quantities of hardwood trees such as Ash, Oak, Beech and Sycamore that were being misused on an annual basis.

In an effort to divert some of the best hardwood trees away from becoming fire-wood they decided to offer a service that converted garden, parkland or Estate logs into a commodity by first milling them and then kiln drying the resulting sawn boards to supply the wood working industry.

Understanding the nature of wood is pivotal when preparing hardwood boards. Kiln Dried Hardwoods can also supply the services of a fully trained Arborist to discuss the best method of handling necessary tree felling. Only the best machinery is used. Our Autotrek mobile sawmill handles logs up to 6m long and 1.3m in diameter and can be set-up on site in less than 20 minutes. Our Eco-Friendly Incomac dehumidifier kiln minimises any damage to the drying timber and increases it's durability. This enables us to provide quality boards to the bespoke furniture industry and building industry alike.

Reasons for Kiln Drying timber:

- Prompt kiln drying protects timber against primary decay, fungal stain and much insect attack.

- Organisms, which cause decay and stain, mostly cannot thrive in timber with a moisture content below 20%.

- Kiln dried wood is less susceptible to decay wood that has not been kiln dried.

Kiln Dried timber is lighter, and hence the transportation and handling costs are reduced.

- Kiln Dried timber is stronger than green timber in most strength properties.

- Kiln Dried wood works, machines, finishes and glues better than green timber. Paints and finishes last longer on dry timber.

- The electrical and thermal insulation properties of wood are improved by drying.



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mobile saw-milling & kiln drying services

STAGE 1:

We offer an on-site sawing service for customers with their own timber on their own site. Our Autotrek Mobile Bandsaw Mill facilitates this.



The Mobile Bandsaw Mill in action.

Our Autotrek mobile sawmill works to convert a large Monterey Cypress log into planks. The machine is easily towed to bring it close to the logs, on site. It is powered by a diesel hydraulic powerpack which drives the saw blade and other necessary handling features. The saw bed is capable of dealing with logs up to 6m long and 1.3m in diameter.

STAGE 2:

We prepare the timber for air drying on-site or arrange to transport timber to KDH premises.



Sawn Timber prepared for Air Drying.

The milled boards are neatly stacked, layered and arranged according to thickness. Each layer is ventilated allowing the wind access to the timber stack and thus allowing moderately controlled "air drying" to take place. Timber can be used for certain wood working projects after sufficient time, but can also be left air drying for years in a suitable shed.

STAGE 3:

Using an Eco Friendly, Incomac dehumidifier kiln, the timber stack is kiln dried.



Kiln Drying the timber stack.

Once air dried, the timber stacks are loaded into the Incomac dehumidifier kiln. Under strict humidity conditions, the controlled computerised process brings the moisture content of the boards down to approximately 10-12%. Any unsuitable timber is easily identified and discarded at this stage. The timber is now ready to be used for joinery and general wood working with confidence that little further degrade will take place.

STOCK:

We supply of the very best native hardwood timbers, carrying a large stock of 1" and 2" Kiln dried boards in Oak, Ash, Birch, Sweet Chestnut, Flamed Beech and Spalted Beech. We also carry limited stocks of Walnut, Yew and Horse Chestnut.



BESPOKE FURNITURE:

We work alongside some of the finest wood craftsmen in Ireland. Many clients have commissioned memorial and bespoke furniture pieces from felled Kiln Dried timber from their land. Some Golf clubs craft the off-cuts into presentation pieces for a personal touch.



WOODTURNING:

We supply woodturning blanks and other interesting pieces of character timber for woodturners and woodcarvers. When skilfully crafted into art, the felled trees can effectively live on for years.

