



kiln-dried-lumber- prices-skyrocket

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Kiln Dried Lumber Prices Skyrocket from Short Supply

Structured Data

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PDF Version of the webpage (first 10 pages)

This webpage QR code

<https://globalmicroturbine.com/topics/kiln-dried-lumber-prices-skyrocket.html>

Prices Skyrocket as Demand for Kiln Dried Lumber Falls Short of Supply During the Pandemic

Kiln dried lumber prices are through-the-roof. The pandemic has doubled or tripled the price of lumber, especially kiln-dried (KD) lumber, poles, timber, and siding. As new home builds and DIY projects skyrocket, there is a huge demand for lumber and wood products. There has never been a better time to get a sawmill, and start kiln drying your lumber for retail sales.

The concept of the Global Container Kiln is to provide an affordable drying chamber to process green lumber, timbers, poles, flooring, pallets, and firewood for value-added profits. I have never seen such a great opportunity since I've been in the forest products industry since 1985.

Many small lumber processors sell their wood green, but the real profit is in kiln drying and milling for the DIY customer.

Whether it's producing kiln dried siding or log cabin home parts, a dry kiln is needed to stabilize the wood before it can be machined and sold. Kiln drying (versus air drying) reduces inventory time, and gets product to your hungry customer faster. A satisfied customer will become a repeat (and loyal) customer quickly. Lumber inventory is hard to find, so take advantage of the niche now.

A container dry kiln reduces inventory time, kills insects, and gives the customer a premium product that is stable and easily machined.

Huge kilns are expensive and require additional personnel to operate. Our concept takes the large kiln and reduces it in size to fit inside a shipping container or insulated van.

You do the installation. A hot water boiler (wall mounted on-demand natural gas/propane, vegetable oil, or wood fired) provides the heat. We recommend Central Boiler for wood fired options. You can even use a Capstone Turbine to use propane or natural gas to produce both your electricity and direct fired hot air into the kiln. Single or three phase motors power the fans to circulate the air, and automated vents dissipate the moisture from inside the kiln to outside. You can also use your existing building or put up a pre-fab metal building as long as it's insulated to R-14.

Lumber is dried in a series of stages and the rate of drying is monitored and controlled automatically with a simple controller.

To operate the kiln refer to a kiln drying schedule. You can download a .pdf of the USDA Dry Kiln Schedules for Commercial Woods Temperate and Tropical [here](#). The heat is increased incrementally according to that schedule. The schedule will refer to the moisture content in the wood, which is tested periodically by using a hand-held moisture meter (we recommend Lignomat). When the wood reaches a certain moisture content (according to the species being

11/30/2021 the next set point (temperature) is entered manually into the controller. This is done

















