L200 & L200M

A quality lumber drying system is easier and more affordable than you might think.

If you think high quality lumber drying is too complicated or expensive for your small operation, you're in for a pleasant surprise with Nyle's L200 models. Now you can dry your own lumber down to 6-8% moisture content for pennies per board foot. Kiln dried lumber typically sells for a third more than green lumber. Nearly all lumber must be kiln dried before use and most customers will simply not buy lumber that has not been kiln dried.

What makes Nyle the world leader in lumber drying?

➤ Our heat pump technology maximizes energy efficiency: Using 40% - 60% less energy than conventional kilns

➤ We use corrosion resistant aluminum cabinets and specially coated dehumidification coils giving our machines an extra long life.

➤ Our precision control systems

➤ The famed Nyle customer support

L200 Standard

The L200 is a compact, high performance dry-kiln system. It will dry up to 4,000 board feet of 4/4 (1" thick dead green oak right-off-the-saw hardwood) in approximately 4 to 5 weeks. It can dry 1,500 to 2,500 board feet of 1" green softwood or fast drying hardwood in approximately 1-2 weeks.

You can set the pitch or sterilize the load with the included auxiliary heater. The L200 has a precise control system that requires just a few minutes of daily monitoring with a thermostat with remote sensor, repeat cycle compressor timer, switches and indicator lights.

The L200 kit includes auxiliary heating, two circulating fans, controls, prewired electric panel, over temperature vents and manual. This kit provides you with everything you need to get going (including building plans) except the building itself. Additional fans and a power vent system are available.

L200M Controller Upgrade

You can take your lumber drying to the next level with the L200M controller upgrade. This enhanced controller displays the climate conditions inside the kiln right on its screen, making monitoring your lumber easier than ever.

The L200M controller measures temperature and humidity using wet bulb and dry bulb sensing as well as four additional timber probes giving even more accurate internal readings.

Along with the additional probe measurements the L200M controller allows you to set parameters for your drying schedule. Set your desired final moisture content and when the probes read your specified moisture content the system will automatically shut down, assuring that your lumber will not be over dried.

Features and Specifications

Load Capacity	For softwoods and fast drying hardwoods (Pine or Poplar) 1,500 - 2,500BF For slow drying hardwoods (Oak) 4,000BF
Nominal Water Removal	250 lbs (114 kg) per 24 hours
Drying Time	4/4 Green Pine 80% to 8% in approximately 12 days. 4/4 Green Oak from 65% to 8% in approximately 35 days.
Operating Costs	Green pine 80% to 10-12%, app. 250 kWh per 1,000 board feet Green oak 65% to 6%, app. 450 kWh per 1,000 board feet.
Operating Temperature Range	70°-120°F (21°-49°C)
Pitch Setting Capabilities	Auxiliary heater can be used to set the pitch, sterilize the load (kill bugs) and for preheating.
Compressor Nominal HP	2 HP
Internal Blower Motors HP	¼ HP / 1000 cfm
Auxiliary Heat	4,000 watts
Circulating Fans *	Two included: 16" (40 cm) diameter; 1/4 hp; 1,500 cfm *
Over Temperature Vents	Two manual vents included (power vents optional)
Power Requirements	220 V. single phase, 50hz.or 60hz. (40 amp)
Shipping Weight	380 lbs
Warranty	One year on material and workmanship. Contact Nyle for a full copy of the Warranty.
Dimensions (H x L x W)	37" x 32½ " x 20 ½"

L200 Accessories

Powered Vent Kit - Fully automated vent kit used to vent the kiln chamber when the temperature gets too high or to release moisture from inside of the kiln chamber.

Fan Kit - Fully automated fan kit, which includes 16" housings 16" fan blade, 1/3 HP motor and motor starter.

Auxiliary Booster Package - Used for sterilizing, heat treating and faster heating of larger chambers.

Container Package - Container package includes: 20 or 40 foot refrigerated shipping container, dehumidifier, control system, fans, heater, vents, track & carts and assembly plans.