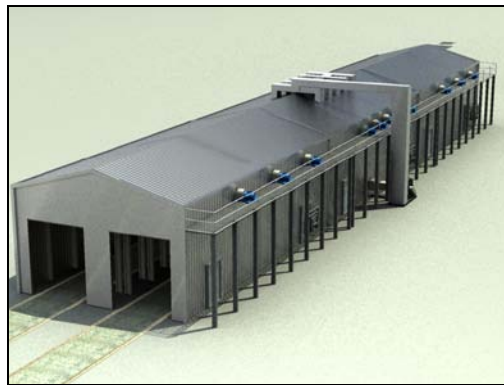


CONTINUOUS DRYING KILNS – CDK

The Windsor range includes three different CDK kiln configurations.

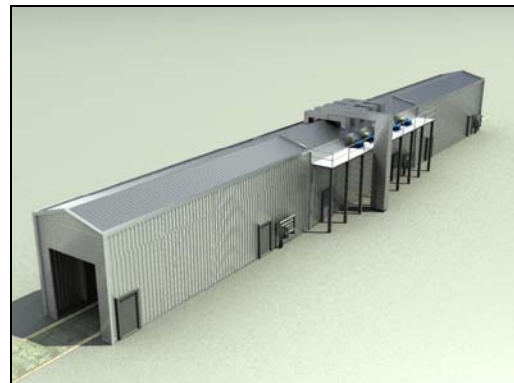
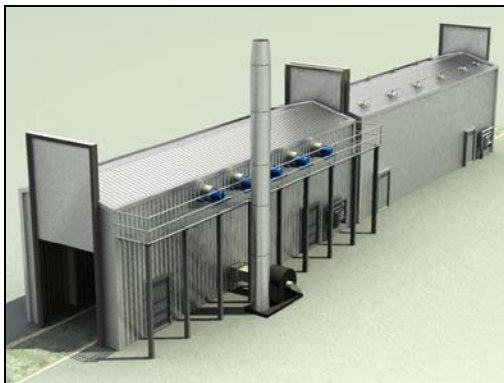
Windsor CDK-D

The CDK-D has a reverse flow double track kiln design. It incorporates central heating/drying, saturated cooling and equalising phases all in one extended chamber. This design includes options for both direct fired and indirect fired heating. The lumber stacks pass through the kiln in opposite directions on the two tracks. The lumber is automatically advanced, based on the moisture content of the lumber in the central heating zone, by hydraulic advancer units. CDK control is via a PC/PLC kiln management program like Dryspec 2000® integrated with the DryTrack® Echo in-kiln moisture measuring system.



Windsor CDK-S

The CDK-S (2 options) have a one pass single track kiln design. They incorporate plasticization heating/drying, forced cooling and conditioning phases. The designs incorporate indirect heating principles. Lumber passes through the kiln in one direction. The lumber charge is automatically advanced based on the moisture content of the lumber in the heating zone. CDK control is via a PC/PLC kiln management program like Dryspec 2000® integrated with the DryTrack® Echo in-kiln moisture measuring system.



Features

- Thermal energy efficiency gains of up to 30% are achieved.
- All CDK kiln options are fully automated in terms of baffle and door operation and also charge loading.
- CDK kilns include the automatic "hands free" moisture measurement system DryTrack® Echo.
- Existing batch kilns can be converted to CDK kilns to increased production and reduce energy/fuel use.
- CDK technology offers improved grade recovery due to the equalising and conditioning cycles.
- All aluminium construction is used in the equalising and conditioning sections.
- Operational at sites in the USA and Australia.