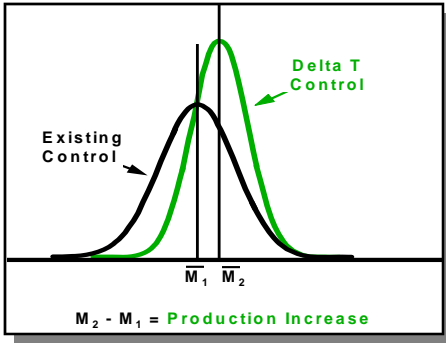
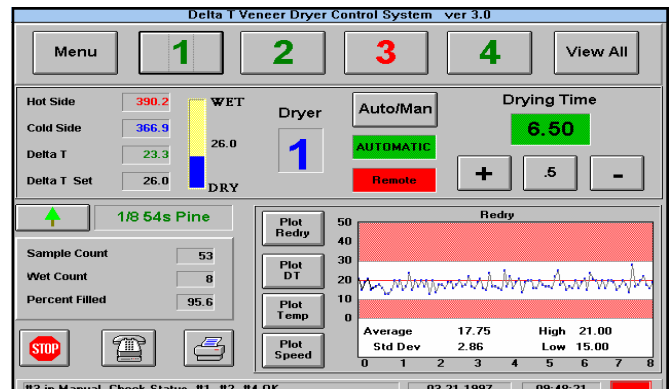


Delta T Moisture Control Technology



Inside-the-Dryer Moisture Sensing and Control

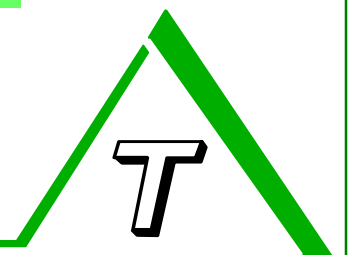
Total Solution
Moisture Control
for
Panel Products



No Calibration Required
Auto Adjusts for Water Load Changes
Cruise-Control Startup
Narrows MC Variation 30—45%

www.moisturecontrols.com
drying@moisturecontrols.com

Drying Technology, Inc.
P.O. Box 1635 Silsbee, TX 77656
Tel: 409-385-6422 Fax: 409-385-6537



Benefits

Increased Production - reduce out-of-spec product due to moisture problems

Improvement in Quality - by narrowing MC distribution

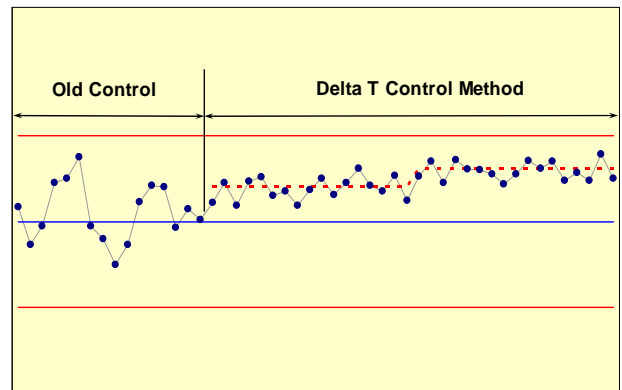
Reduction in Energy Consumption - by eliminating overdrying

Chemical Savings - uniformity of MC can reduce usage

Unique Inside the Dryer Moisture Sensor: Moisture is sensed inside-the-dryer using two temperature sensors and a patented, first principles model relating moisture to the temperature drop (delta t) of hot air after contact with the wet product and the dryer speed or production rate. Calibration is not required. Uses cruise-control startup.

Continuous Optimization

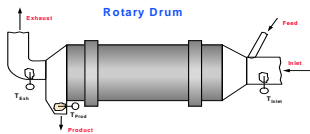
The Old control method produces product with a wider moisture variation (left side of chart). Under Delta t control, the moisture variation is reduced 30% and sometimes up to 45% which produces a more uniformly dried product. Improvements in quality, production and energy conservation are the result. Over and under-dried product is eliminated. Chemical additives may be significantly reduced as a result of more uniform and positive control of the moisture content.



Applies to MDF, OSB, Ptcld, Veneer

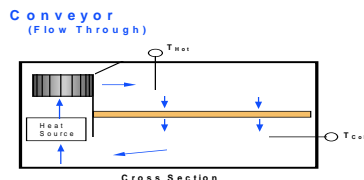
Control Systems

MDF MC
OSB MC
Ptcld. MC
Veneer MC
Plywood:
Multi-booth Layup Line
Block Conditioning



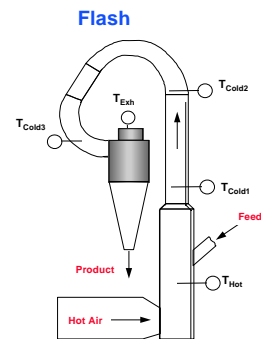
Control Improvements

Eliminates dead time barrier in conveyor dryers; Replaces flawed exhaust temperature MC control method for flash and rotary dryers; the result is significant improvement in MC control.



Selected Customers

IPCo Potlatch
Louisiana Pacific
Georgia Pacific
Boise. Hood
Temple-Inland



Drying Technology, Inc was established in the mid 1980's to serve the industrial drying community. The main office is located in the Silsbee, TX . Sales and technical support may be obtained at the main office.