

SINCE 1962, MORE THAN HALF A CENTURY OF HISTORY

In 1962, belying the general belief that it is impossible to dry wood using a vacuum system, W.D.E.-Maspell went forward and developed the first vacuum drier to solve this problem.

Now, more than half a century later, having filed and registered some 89 patents, and having built and installed some 6,000 driers operating throughout the world, W.D.E.-Maspell remains the leader in the art of vacuum drying.

Our unique technologies offer the following advantages:

- Drying Time**---3 to 5 times faster than conventional driers.
- High Drying Quality**---Uniform final wood moisture content and the ability to straighten even warped boards.
- Production Flexibility**---Our different capacity driers, ranging from 5M3 all the way up to 100M3, offer many options to suit the needs of different requirements.
- Versatility**---Our driers can be used as a primary production unit or as an additional support for traditional kilns.
- Reliability**---With the experiences of some 6,000 units and more than 50 years of practical history behind us, the quality and reliability of our products speak for themselves.
- Easy to Operate**---Thanks to the advanced technology of our microprocessors, our driers can all be controlled and operated automatically without the requiring of any skilled labor.
- Easy to Install and Operate**---All our driers are pre-tested at the factory and can be installed and put to immediate use in just a few hours. Further more, all of them can be easily transported and moved to another location if so required.
- The MCP2000 Microprocessor Control System**---The most advanced in its field as it is the summation of our more than 50 years of experiences in drying woods from all over the world. Yet, it is extremely user-friendly and easy to operate.



ACTUAL DRYING EXAMPLES OF W.D.E. VACUUM DRIERS ON DRYING THICK LUMBERS

Wood Species	Thickness	Wood Moisture Content	Kiln-Drying Time
Teak	50mm	From 40% to 8%	70 Hours
Jatoba	50mm	From 40% to 8%	72 Hours
Jatoba	25mm	From 40% to 8%	50 Hours
Spucupira	50mm	From 40% to 8%	72 Hours
Spucupira	25mm	From 40% to 8%	50 Hours
Ash	50mm	From 40% to 8%	72 Hours
Ash	25mm	From 40% to 8%	50 Hours
White Oak	25mm	From 30% to 8%	50 Hours
Chinese Fir	50mm	From 50% to 8%	40 Hours
Mahogany	50mm	From 50% to 8%	72 Hours
Chinese White Oak	50mm	From 40% to 8%	72 Hours
Kapur	36mm	From 40% to 8%	32 Hours
Kempas	20mm	From 14.5% to 9%	16 Hours
Garapa	20mm	From 15.8% to 13%	21 Hours
Cumaru	20mm	From 18.3% to 12%	12 Hours
Paduk	50mm	From 40% to 8%	72 Hours
Rubber Wood	40mm	From 80% to 10%	120 Hours

ACTUAL DRYING EXAMPLES OF W.D.E. VACUUM DRIERS ON DRYING VENEERS AND THIN LUMBERS

Wood Species	Thickness	Wood Moisture Content	Kiln-Drying Time
Acacia	2.3mm x 8 Layers	From 50% to 6%	10 Hours
Sapelli	2.3mm x 8 Layers	From 60% to 6%	7 Hours
Mehogany	2.3mm x 8 Layers	From 60% to 6%	8 Hours
Chinese Oak	2.3mm x 8 Layers	From 40% to 6%	8 Hours
Chinese Oak	6.0mm x 3 Layers	From 40% to 8%	50 Hours
Black Walnut	2.2mm x 9 Layers	From 90% to 8%	39 Hours
U.S. Red Oak	2.5mm x 7 Layers	From 80% to 12%	28 Hours
Birch	0.6mm x 30 Layers	From 80% to 2%	72 Hours
Ash	2.5mm x 8 Layers	From 85% to 10%	108 Hours
Ossimiale	0.6mm x 23 Layers	From 90% to 8%	36 Hours
Jatoba	0.6mm x 30 Layers	From 13.7% to 9%	11 Hours
Jatoba	2.0mm x 10 Layers	From 13.5% to 10%	12 Hours
Linden	3.0mm x 5 Layers	From 67% to 8%	10 Hours
Linden	3.2mm x 6 Layers	From 75% to 10%	16 Hours
Spucupira	6.0mm x 4 Layers	From 40% to 8%	50 Hours
White Oak	2.3mm x 8 Layers	From 30% to 8%	16 Hours
Jatoba	6.0mm x 4 Layers	From 40% to 8%	50 Hours

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W.D.E.-MASPELL OF ITALY VACUUM TIMBER DRIER



FOR DRYING EXTRA THICK, EXTRA HARD, DELICATE, DIFFICULT-TO-DRY EXOTIC WOODS

ITALIAN TECHNOLOGY, ITALIAN STANDARD, ITALIAN QUALITY
MADE UNDER LICENSE IN CHINA AT CHINESE PRICES

WDE "HIGH-TEMPERATURE WOOD TREATMENT TECHNOLOGY FROM ITALY"
"ECOLOGICAL, SAFE, SIMPLE—AND AFFORDABLE!"