

HDE
DRY KILNS

THE BEST OF WHAT THE WORLD HAS TO OFFER

WORLD ENTERPRISE KILNS BY HDE



HDE DRY KILNS

World Enterprise Kilns

What's that mean? It means taking the best of what the world has to offer – components, design, technology, and support – and putting it together in a kiln that results in the best value, performance, efficiency, production, and profitability for you.

HDE – our roots go back to Robert Hildebrand, widely considered to be the originator of what has become the modern dry kiln. Based in Portland, Oregon, HDE integrates German design, high-quality fabrication of chamber components from Asia, with heat sources, plumbing, valves, and Lignomat Kiln controls from the U.S.A.

Stainless steel inner pipe with aluminum fins for corrosion resistance and long life

Severe duty fan motors

U.S. made, UL approved motor control centers with variable frequency drives

Steam or water spray for conditioning and equalizing

Customized size and configuration is available, or reduce cost with one of several “standard” sizes

Track or package-loaded kilns, container kilns, heat-treating units, and firewood kilns in virtually any size

Variable pitch fans using Smithco technology in an engineered truss-shroud for consistent air volume and pressure

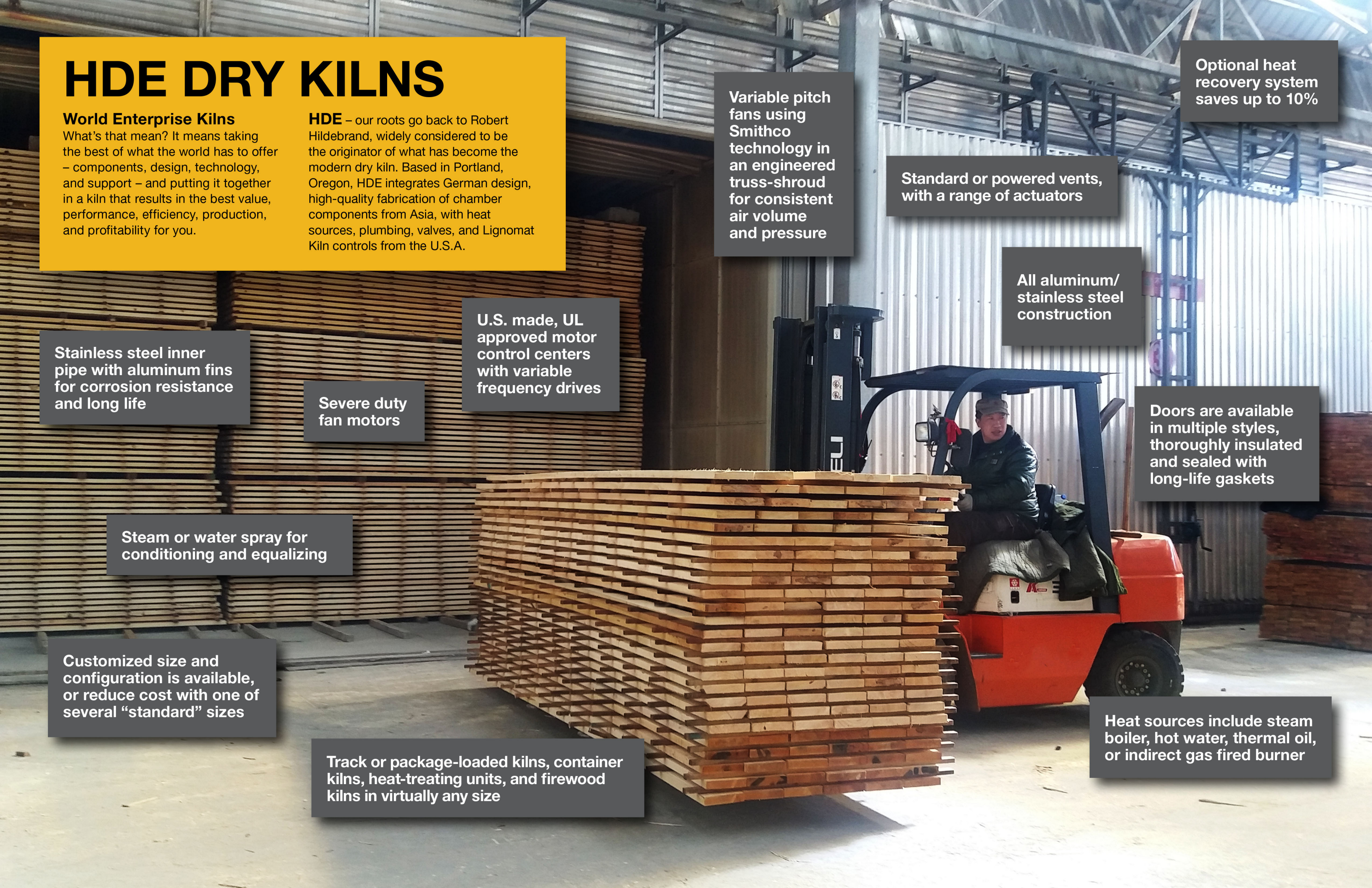
Standard or powered vents, with a range of actuators

All aluminum/ stainless steel construction

Doors are available in multiple styles, thoroughly insulated and sealed with long-life gaskets

Heat sources include steam boiler, hot water, thermal oil, or indirect gas fired burner

Optional heat recovery system saves up to 10%



The Line of "Small Kilns"

Ranging from
2000 Bft – 10000 Bft

Designed by German Engineers
Built In the USA

NEW

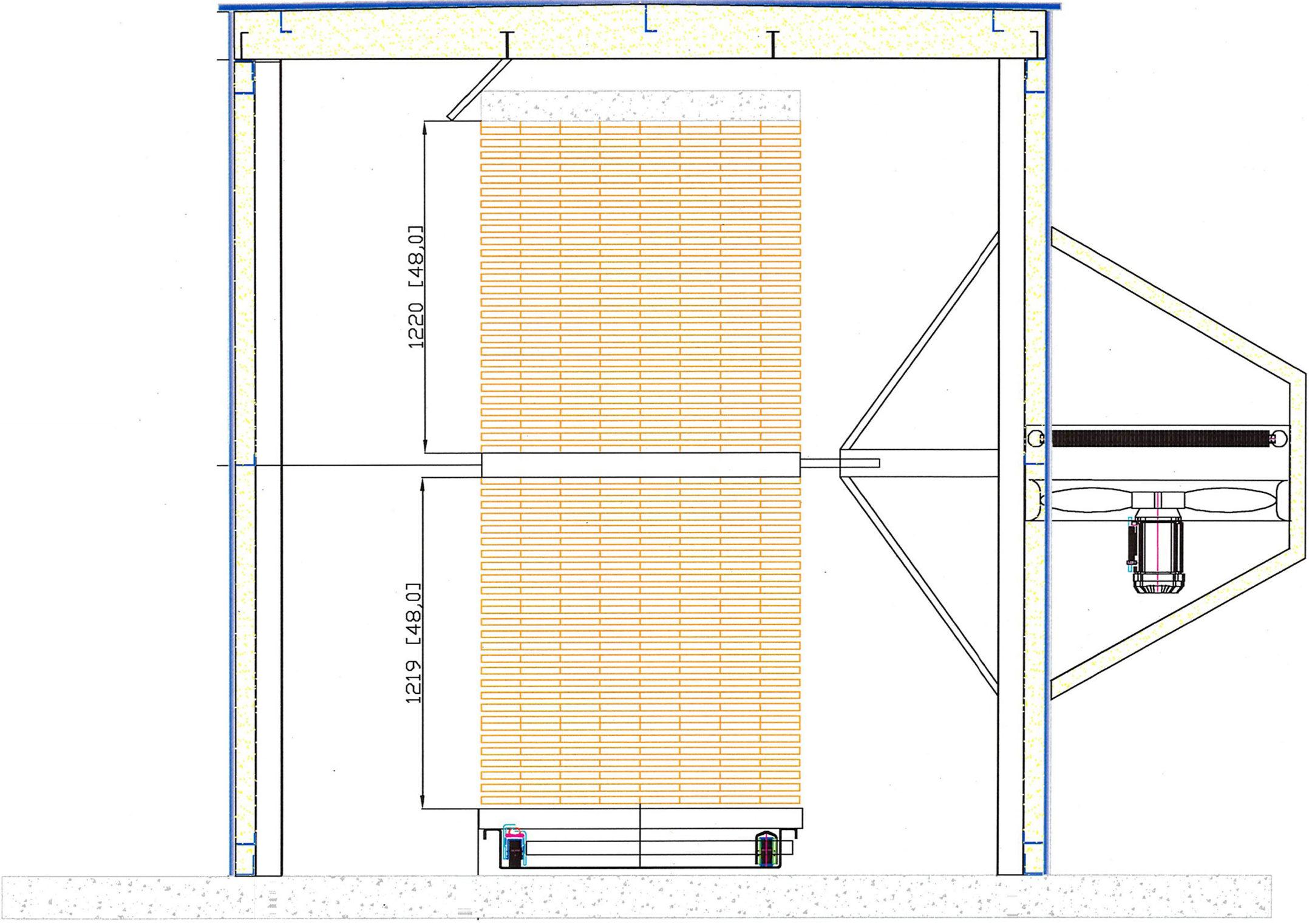
For Lumber, Heat Treatment, Firewood



Featuring

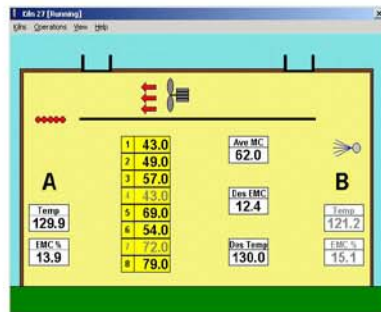
- All aluminum construction
- Fast and easy assembly
- Fully automatic Lignomat Control System
- Automatic energy management

Low Pressure Steam
Hot Water
Direct Gas Fired
Dehumidifier



HDE KILNS ARE EQUIPPED WITH LIGNOMAT KILN CONTROLS

- Graphical user interface is easy to understand and use
- Hard-wired or reliable wireless sensors
- 40 years experience
- Fast remote control
- Extensive internal diagnostics with remote trouble-shooting
- Automatic text alerts
- Real time data
- Multi-kiln control from computer, tablet, or smart-phone
- Innovative control technology results in shorter drying times, and better recovery



Individual kiln status in graphic display



MCC Panel with Kiln Controller



Receiver and wireless wood moisture probe



Wireless EMC Station

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