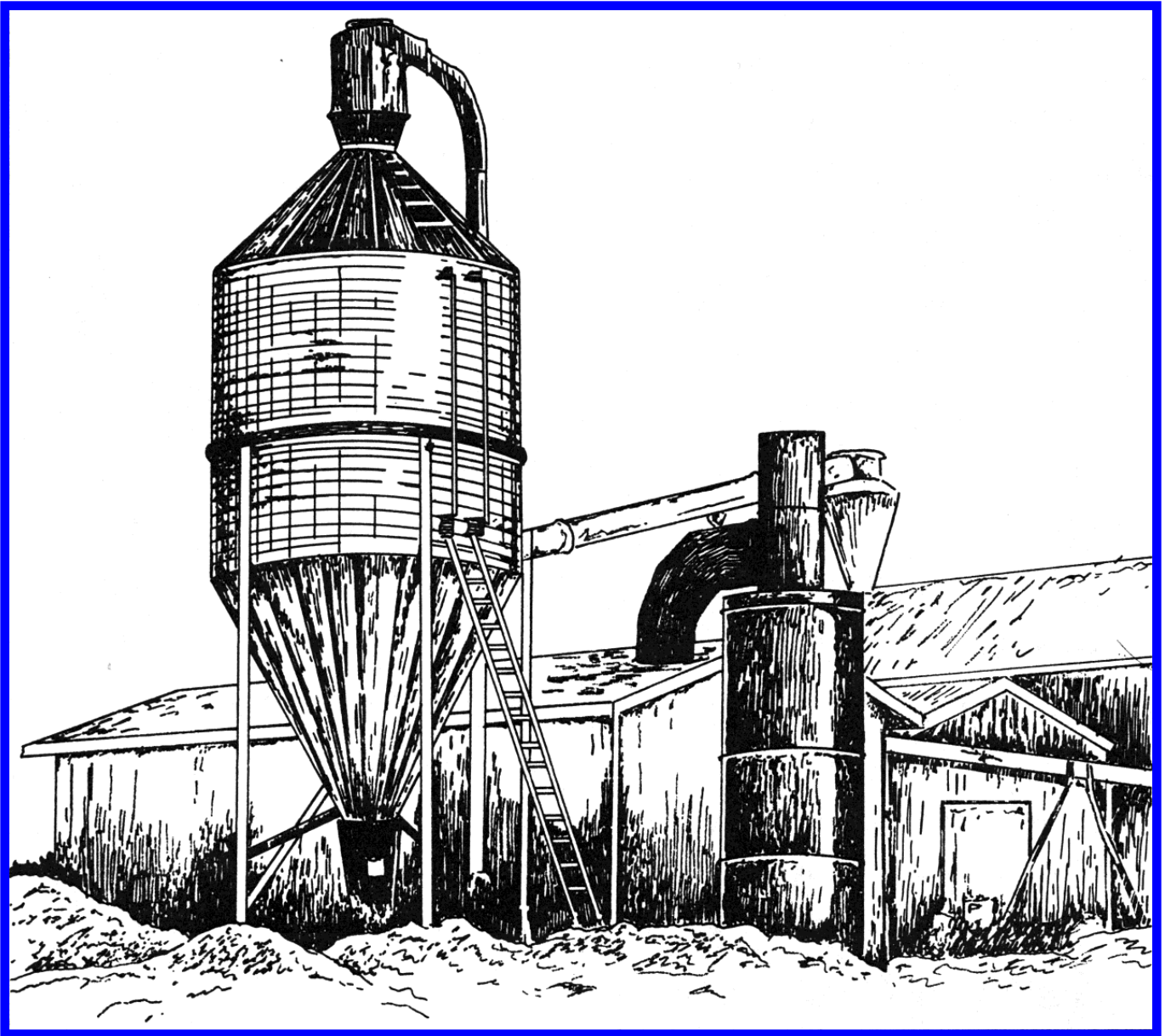


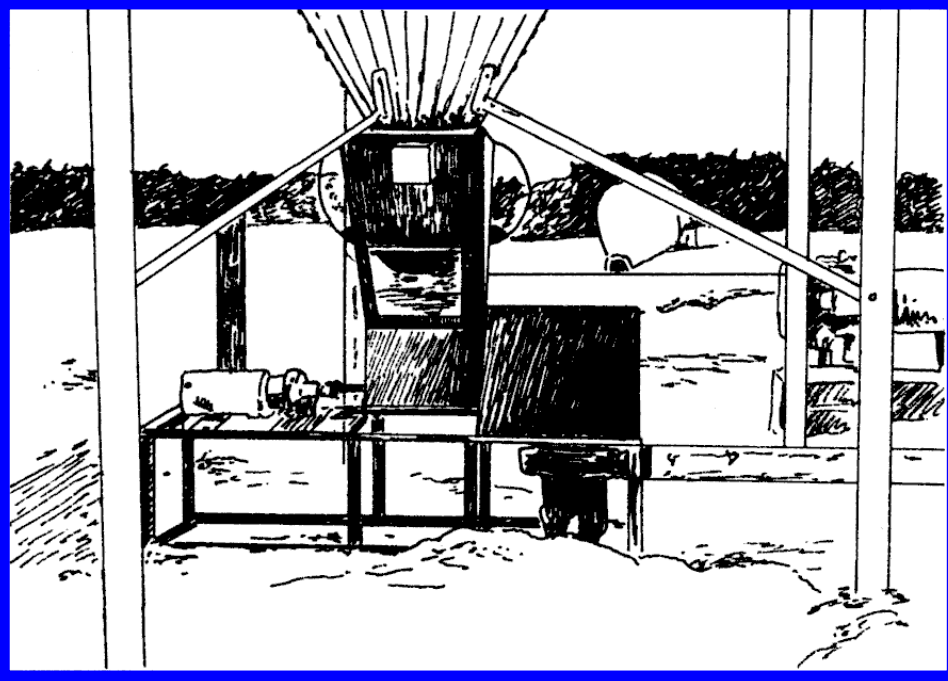
SOLID FUEL WEBB BURNER®

FOR DRYER OPERATIONS



Where Ideas Are In Production

Jackson
LUMBER HARVESTER
COMPANY, INCORPORATED



- THE FUEL FEED STORAGE BIN AND FEEDER can be up to 300' from the burner/dryer

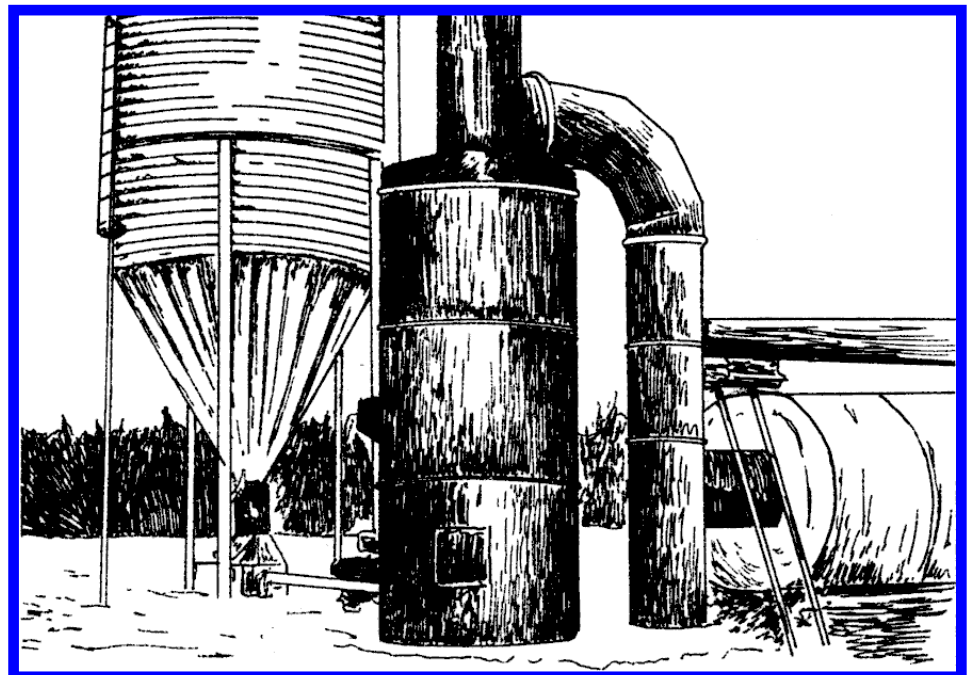
- If a small portion of the dried product from your dryer can be used as fuel, a fuel storage bin may not be needed.

• The fuel storage bin and fuel hopper supply solid fuel to the AUTOMATIC MODULATING FUEL FEEDER AND FUEL FEED PIPE.

- SOLID FUELS: Sawdust, corn cobs, sunflower hulls, flax shives, pelletized wood, char (charcoal fines), peat, and coal dust. Fuels must be less than 20% moisture with maximum particle size of 1/2".

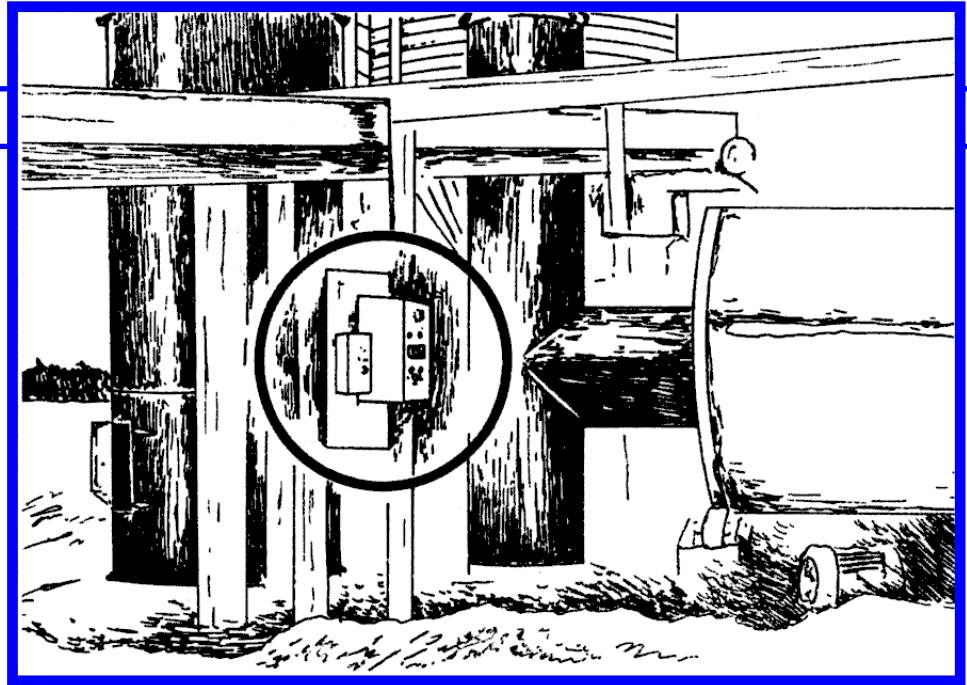
- The burner is LINED WITH AN EXCELLENT COMBINATION OF REFRACTORIES to assure best heat retention and long burner life.

- All refractories are installed in the burner and ductwork at the factory, and the pieces are assembled on-site by crane.

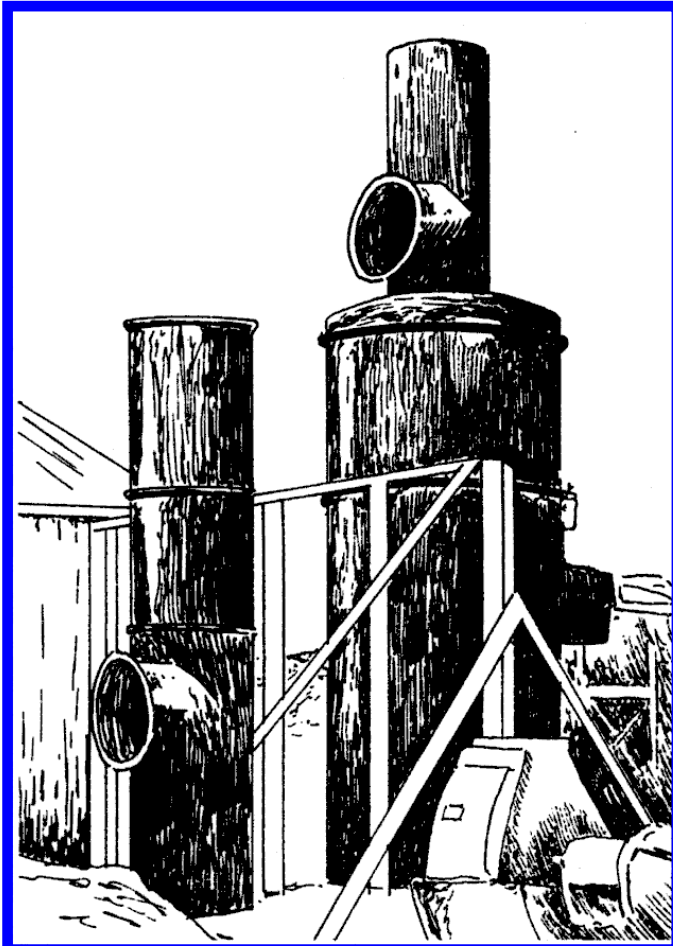


- CONTROLS are wall mounted in a convenient location. Control is fully automatic with no special manual attention needed.

- The controls command any selected dryer exit temperature and maintain that temperature to assure accurate product output moisture.



- The controls also monitor burner, dryer inlet, and dryer outlet temperatures and provide system safety shutdown in case of temperature extremes.



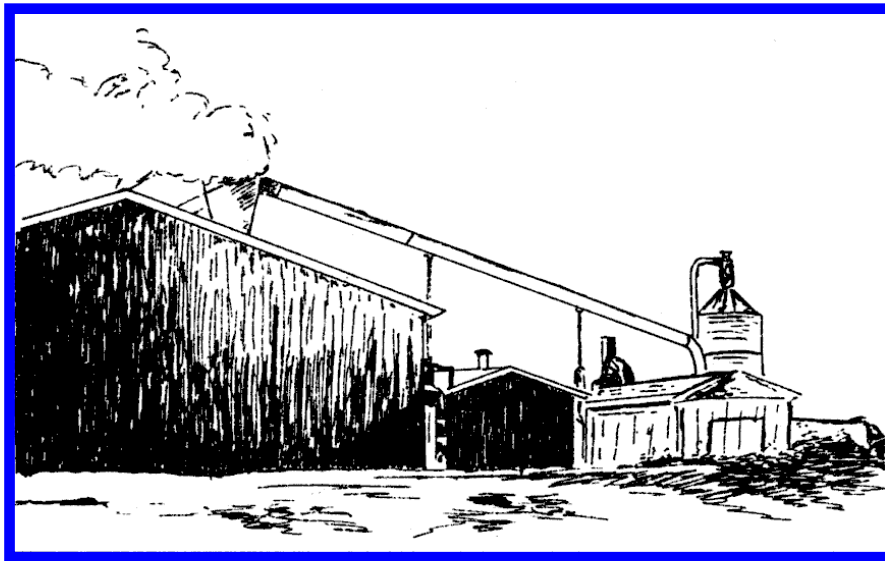
- THE BURNER STACK, HOT GAS TRANSFER DUCT, AND DRYER INLET DUCT ARE ALL LINED WITH HIGH TEMPERATURE INSULATING REFRACTORY. The pieces are heavy and are lifted in place by crane.

- A ROTARY AIR LOCK IS SUPPLIED at the joint between transfer duct and dryer drum.

- All steel surfaces are painted with HIGH TEMPERATURE ANTI-OXIDANT PAINT.

- Jackson Lumber Harvester Company specializes in Solid Fuel Webb Burners® for rotary drum dryer applications. We help guide you through the entire project, from the initial concept phase all the way through commissioning and training of your employees. We work with your selected contractors for concrete & building construction, electrical wiring, other machinery, crane service, and fire protection. During the project or after completion, full support and service is just a phone call away!

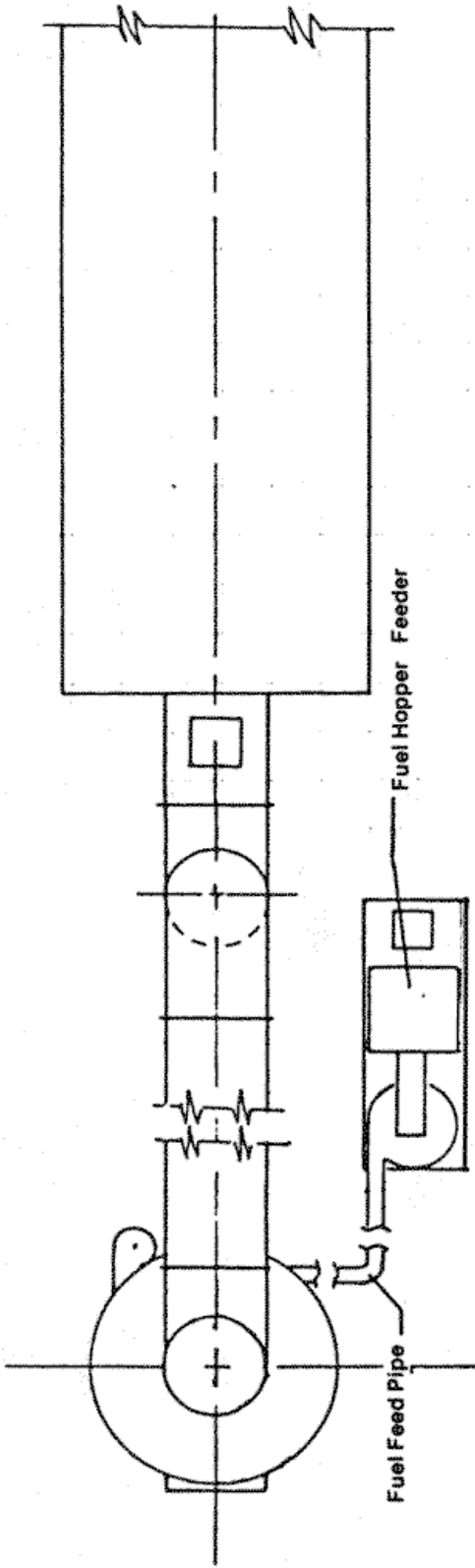
- **SOLID FUEL WEBB BURNERS® ARE CURRENTLY IN OPERATION ON A LARGE NUMBER OF ROTARY DRUM DRYER SYSTEMS** drying a wide variety of products. Physicist and professional engineer W. B. Webb invented, installed, and started up the first successful solid fuel burners for dryers in 1979. Now our burners have a total combined operating experience of over 80 years.



- Excellent clean combustion: no visible or malodorous emissions.
- Highest system efficiency.
- Sizes from 1/2 million BTU/hr to 60 million BTU/hr.
- Reference installations: Please visit several reference installations to verify system quality, performance, and reliability. Ask us for references in your area.

Jackson Lumber Harvester Co., Inc.
830 North State Road 37
Mondovi WI 54755 USA
Phone: 1-715-926-3816
FAX: 1-715-926-4545





FEATURES: Excellent Clean Combustion - no smoke or malodorous emissions.
 100% Automatic Fuel Feed to Exact Drier Needs.
 Full Flame Safety Control.
 Highest System Efficiency.
 No Drier Fires.

