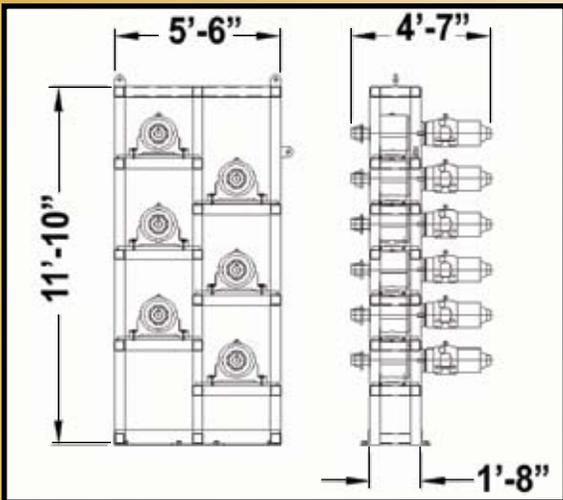


VENEER DRYER DRIVE TOWER



Our Drive Tower is robust and simple.



Electric motor and gearbox



Westmill's Veneer Dryer Drive Tower is the dream of any Maintenance Superintendent. Robust and simple, it has no wearing parts. Independent Drives also provide increased veneer recovery in the event of a Dryer plug-up.

Simple Yet Strong

The goal is to drive your Dryer rolls as easily and simply as possible.

- We use a heavy-wall steel 4" square tube frame.
- We use 1-1/4" thick steel plate drive bases.
- The frame is bolted down via concrete anchors, or welded down to steel embeds in your foundation.
- Lifting eyes are supplied for easy field installation, and optional field torque arm turnbuckle installation can be provided.

Simple Design Yields Less Maintenance Cost

On each level of Dryer, Westmill™ provides one heavy duty gearbox, AC electric motor, and 81X drive sprocket. Our drive sprocket has the same number of teeth as your existing drive, allowing your Dryer program to remain unchanged.

Gone are the high-maintenance designs of meshing gears, or chain drives with multiple jackshafts and a maze of roller chains that keep breaking.

Veneer Recovery During a Dryer Plug-Up

With conventional Dryer drives, all decks must move at the same time, or all must remain stopped. On Westmill's Drive Tower, each deck's motor comes with its own Variable Frequency Drive (VFD).

In the event of a Dryer plug-up, the plugged deck can be stopped, and the other decks can be unloaded, salvaging what might otherwise be a whole Dryer's wasted load of veneer. After the plug-up is cleared, the plugged deck can be unloaded, and may still be useful in some cases.

Also, in the event that a single level's drive unit needs service, the individual deck drive unit can be disabled and quickly replaced with minimal downtime. The Dryer and Feeder program can be temporarily set to bypass the serviced deck.



Gearbox and sprocket, shown with optional chain lubrication brushes