

# MULTIBELT CONVEYOR



Westmill's  
Multibelt  
Conveyor

Westmill's Multibelt Conveyor improves sheet presentation to your Corner Transfer, enabling your veneer to move through the Corner Transfer without causing a jam-up.

- Sheet presentation to the Dry Stacker or Dry-Chain is greatly improved.
- Jam-ups and line stoppages are reduced, maximizing your up-time.

Double-level Multibelt Conveyors are available for high-production Dryer lines to ensure that your Dryer Outfeed is not a bottleneck in your system.



Our Multibelt Conveyor improves sheet presentation to your Corner Transfer.



Drive shaft with guard

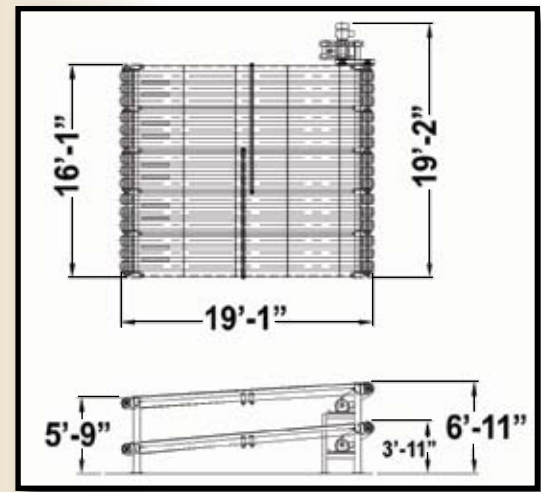
## Product Features and Operation

Veneer travels through the Dryer on typically 4 to 8 individual decks. All of the veneer must be merged to one (or sometimes two) levels when unloading the Dryer. A Sequential Unloader mounted after the Dryer unloads the Dryer in an organized fashion.

The Sequential Unloader deposits veneer sheets to the Multibelt Conveyor, a belt conveyor that is always running. Veneer is shot from the Multibelt Conveyor to the Corner Transfer Conveyor, and then proceeds to the Dry Stacker or Dry Chain.

### Westmill's supply includes:

- Main frame with 15 belts per level of Multibelt
- Drive pulleys and idler pulleys pre-mounted to drive shafts
- Clamp-on pulleys – require no keyways and allow for quick replacement without requiring the removal of entire drive shaft assembly from main frame
- Belt-support idler rolls to keep belt from sagging
- 10 HP motor with reducer and Variable Frequency Drive (VFD) per level
- Chain and sprocket drive system complete with guard
- Cutouts in landing deck plates to lessen air resistance, keeping sheets from misaligning due to 'floating'
- Rough-top belting to ensure positive grip to veneer



The Multibelt Conveyor is quickly assembled at your site. Westmill™ prefabricates and assembles the head shaft assembly and pre-mounts the drive system (motor, reducer, sprockets, chain) to the head shaft. We do the same for the tail end. You simply weld the middle framework and plating into place. Freight is minimized, and installation can be done during a Dryer clean-out shift.

## Veneer Specifications

Veneer size and species:	Any
Veneer moisture content:	Any (intended for Dry veneer conveying)

## Machinery Specifications

Electrical requirements:	Belt Drive: 10 HP (3 Phase) per each level of Multibelt Conveyor
Field mounting:	Anchored to plant floor. Machinery feet have mounting holes.
Air requirements:	None

## Other Westmill™ Machines to Improve Dryer Unloading and Material Handling

- [Dryer Sequential Unloader](#) – Unloads your Dryer in an orderly fashion and presents veneer squarely to the Multibelt Conveyor. Available in any number of decks for any type of Dryer.
- [Corner Transfer Belt Conveyor](#) – Improves sheet presentation to your Dry Stacker, or allows you to install a Dry-Chain/Belt for pulling veneer into carts.
- [Reject Tipple](#) – Useful for diverting split sheets to a waste cart before broken sheets can jam up your Dry Stacker.

