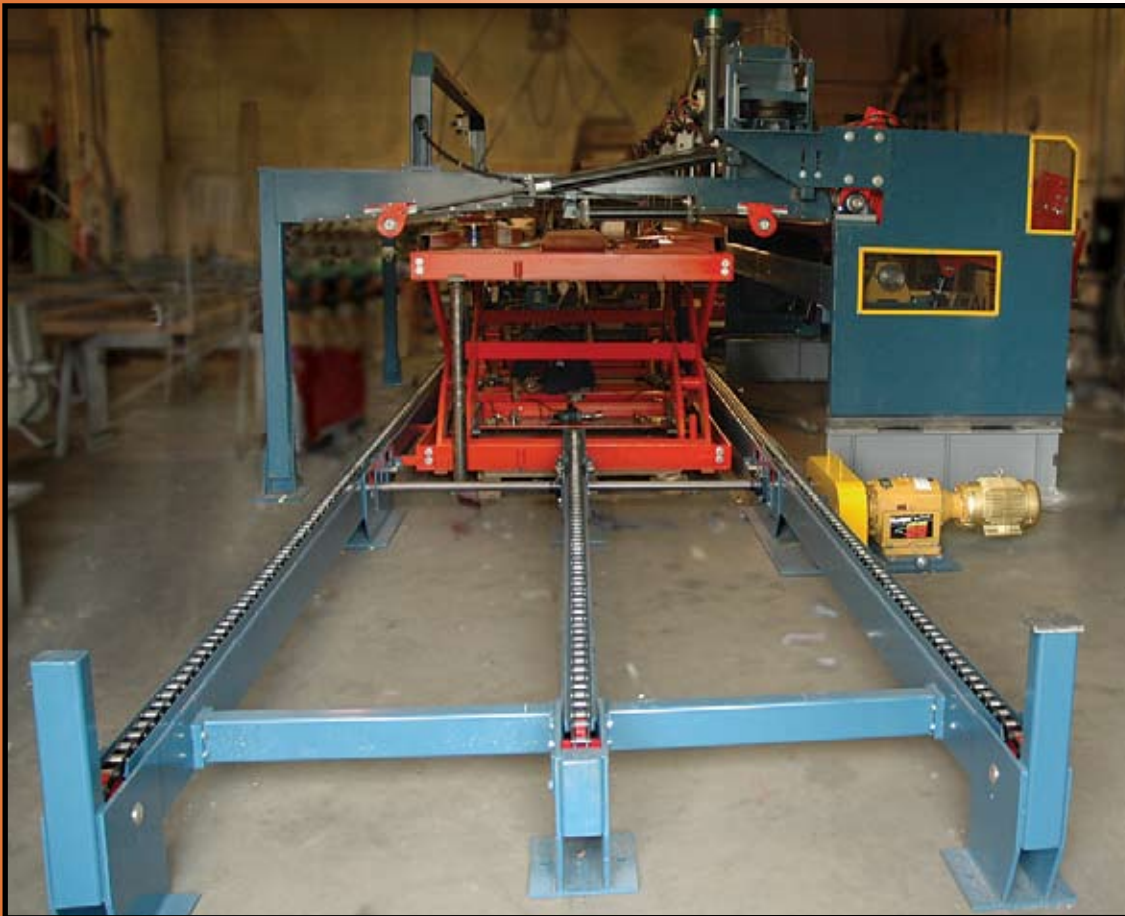


DRYER INFEED CHAIN CONVEYOR



Westmill's Dryer Infeed Chain Conveyor's automatic functions reduce plug-ups while feeding the Dryer, and prevent sheet overlap along 8' edges and corners.

Upgrading to a new Dryer Infeed system will speed up your feeding, provide years of dependability, and allow your Dryer Feeder Tipple and Vacuum Feeder to operate optimally and increase Dryer production.

A typical softwood Veneer Dryer feeds from three veneer stacks simultaneously. Westmill's Dryer Infeed Chain Conveyor allows you to be feeding three stacks, and to store three stacks in waiting, ready to load as required. A forklift operator can load the storage chains while the Dryer is being fed.

Westmill's Infeed Chain Conveyor automatically senses veneer loads as they are placed by the forklift, and automatically indexes the load position to match the Vacuum Feeder head spacing. This helps reduce plug-ups while feeding the Dryer, and prevents sheet overlap along 8' edges and corners. Of course, manual control is also supplied.



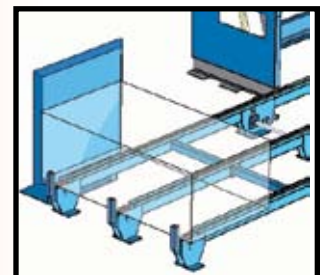
All idler sprockets come with relubricatable pins.



Complete Dryer Infeed system



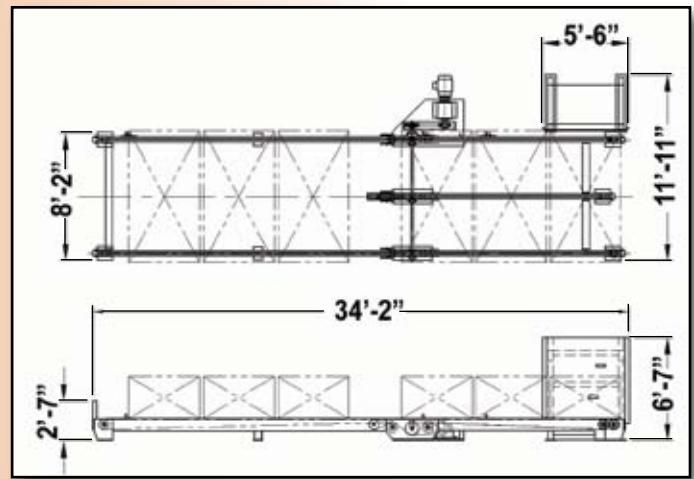
Drive system with guard



Heavy duty load backstop

Product Features and Operation

- Strong forklift-proof welded steel framework, complete with safety load stops at forklift end and at scissor lift end
- Heavy duty load backstop to assist load positioning by forklift
- Three runs of 81X chain with reversible S-drive
- Individual screw-type chain take-ups per chain
- Return chains are housed inside strong 8" x 4" steel tube frame for safety
- Steel 12-tooth drive sprockets on 2-3/16" diameter C1045 drive shaft
- 10 HP motor with gear reducer, mounted outboard of veneer line
- Strong RC100 duplex chain drive from motor to conveyor, complete with guard
- All 81X idler sprockets are easily regreasable, featuring regreasable pins to deliver grease to sprocket bore
- Automatic feed sequence per the following:
 - Photo-eye to detect when load is deposited – advances load to predetermined position
 - Limit switches or photo-eyes to set predetermined gaps between loads to match spacing on your Vacuum Feeder heads (or for manual feed). This helps prevent plug ups while feeding the Dryer, and prevent sheet overlap along 8' edges and corners.
- All electrical devices prewired to a junction box
- All components are supplied standard in inch sizes for North American customers. Metric components available upon request.



Optional Items Supplied by Westmill

- Electrical push-button station for Infeed Chain Conveyor control
- Site electrical integration of Infeed Chain Conveyor to your PLC (or other) control system
- Installation supervision and commissioning (mechanical and electrical)

Veneer Specifications

Veneer size, species, moisture content:	Any
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Machinery Specifications

Electrical requirements:	Chain Drive: 10 HP (3-phase)
Field mounting:	Anchored to plant floor. Machinery feet have mounting holes.
Air requirements:	None

Other Westmill Machines to Improve Dryer Feeding and Material Handling

- 3-Load Scissor Lift with 65" vertical travel and 19,000 lb. net veneer capacity
- Hydraulic Power Unit to power Scissor Lift and Dryer Feeder Tipple
- Dryer Infeed Accumulator: allows you to keep feeding your Dryer during veneer load changes
- Vacuum Feeder: maximizes Dryer feeding rate and reduces repetitive motion operator injuries
- Dryer Feeder Tipple: new or upgrades
 - Pinch Wheel conversion: toughest pinch wheel assembly available! 1-15/16" shafting and bearings, quick change-out for maintenance. Bolt pattern to match Sweed Feeder.
 - Cam-to-Hydraulic conversion: complete with accurate temposonic positioning

