

DRYER INFEED 3-LOAD SCISSOR LIFT AND HYDRAULIC POWER UNIT



Westmill's
Dryer
Infeed
Scissor
Lift (far
left) and
Hydraulic
Power
Unit

Westmill's Dryer Infeed Scissor Lift is rugged enough to feed your Dryer for many years. When combined with Westmill's Hydraulic Power Unit, you can be sure that your Scissor Lift and Dryer Feeder Tipple will have all the power that they require.

Westmill™ offers many variations of our Dryer Infeed Scissor Lift to suit your Dryer's custom requirements. Whether as part of a brand new Dryer infeed, or as part a modular replacement, Westmill™ can offer as much or as little machinery as you require.

- Single 3-Load Scissor Lift for 4' x 8' stacks
- Dual Scissor Lift Systems for plants that run 4' x 8' veneer as well as 4' x 4' veneer
- Infeed Chain Conveyor for both of the above systems. Single drive and dual drive conveyor systems
- Powered hoist-top 81X chain drives to economically replace Coe and Sweed Scissor Lifts
- Drop-in replacements for Durand-Raute and Raute Wood Scissor Lifts



Installed scissor lift



Powered top hoist installed to existing Dryer infeed

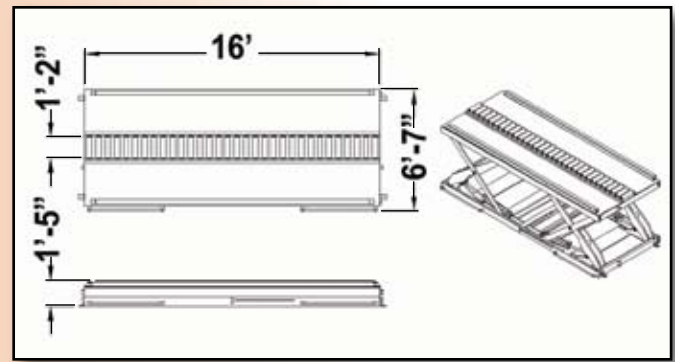


Scissor lift (closed position)

Product Features

All Westmill™ Dryer Infeed Scissor Lifts come with the following features:

- Pre-plumbed, with hoses and breathers pre-installed and routed to one common port for site connection
- All pivot locations and rollers are bronze bushed, and easily replaced
- Pilot operated check valves (Velocity Fuses) to prevent Scissor Lift collapse in case of a ruptured hose
- 3/16" thick checker plate non-skid platform for increased safety during maintenance
- Service blocks to keep hoist lifted during maintenance
- Photo eye for veneer load level monitoring



Standard Westmill™ Scissor Lift

The scissor lift is a simple yet very strong design. The standard Westmill™ lift raises the veneer only, compared to others' designs that lift the whole powered chain and drive system. Features include:

- Four hydraulic cylinders at 4" bore. Optional outboard Hydraulic Power Unit (HPU).
- Two strips of skid-proof rubber underneath loads to prevent load shift while feeding
- Middle row of gravity rollers to support veneer.
- Allows you to feed up to 19,000 lbs. of veneer, sufficient for sapwood of generally any species at 30" loads

Double Westmill™ Scissor Lift

Same construction and features as above, except both scissor lifts move up and down in unison on a common hydraulic circuit. Operator can stand on one scissor lift (locked out with supplied locking ball valve) while feeding 4' veneer into Dryer.

Powered Hoist-Top Scissor Lifts

Some prefer the classic Scissor Lift with powered 81X chains on top. We can do it!

- 3-strand 81X chains, complete with head shaft assembly and tail-end take-up idler sprockets
- Head-end drive: hydraulic motor or electric motor drive (customer choice)
- Steel chain runner for 81X chain (custom UHMW can be supplied upon request)

Hydraulic Power Units (HPU)

Westmill's standard Hydraulic Power Unit will power your Scissor Lift as well as your Dryer Feeder Tipple. Features include:

- 20 HP circulation motor for 23 GPM capacity
- Vickers or Bosch proportional valve for accurate Feeder Tipple control
- Oil immersion heater
- All devices pre-wired to a junction box
- Accumulator

Smaller units are available to run only a Scissor Lift or a Dryer Feeder Tipple.

Veneer Specifications

Veneer size, species, moisture content:	Any
---	-----

Machinery Specifications

Electrical requirements:	Scissor Lift: None HPU: 20 HP pump, 2 HP circulation, 2 x 1/4 HP cooler
Field mounting:	Anchored to plant floor. Machinery feet have mounting holes.
Air requirements:	None
Lifting capacity (net veneer):	19,000 lbs.

