

DRYER FEEDER TIPPLE



Westmill's Dryer Feeder Tipple solves the ongoing maintenance and down time problems of our competitors' products.

Westmill's Dryer Feeder Tipple helps maximize your Dryer feeding rate, raising your Dryer's production. Its rugged construction also minimizes down time and reduces maintenance time and cost. Westmill's system ensures perfect sheet presentation to the Dryer to reduce Dryer plug-ups from skewed sheets.

Why Westmill™?

Westmill's Dryer Feeder Tipple has evolved after the design and installation of key retrofit packages that Westmill™ offers to solve ongoing maintenance problems found with our competitors' existing pneumatic pinch wheels and bearing assemblies, tipple positioning and pinch wheel drive. Before building an entirely new feeder, we were first successful in improving upon these key areas of the Feeder and have now put all the parts into one package.



Polychain belt drive – quieter than roller chain



Bolt-on pinch wheel assembly.



Dryer Feeder Tipple



New Feeder Tipple

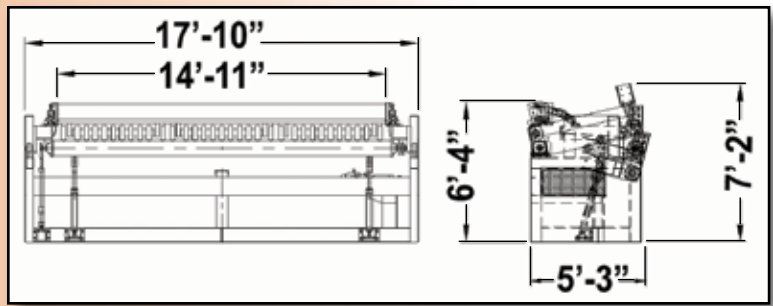


Hydraulic cylinders on new tipple

Pinch Roll Features

(Available on our new Feeder as well as on our conversion package for your existing Feeder)

“Sweed” Feeders have been in existence and used predominantly in the plywood industry for over 40 years. From a maintenance and reliability standpoint, these have ongoing problems with the pneumatic wheels and undersized bearings which require continued maintenance. Westmill™ has addressed these problems with our new Pinch Roll Conversion retrofit. Some key features of the Westmill™ retrofit package:



- Westmill’s Pinch Roll Conversion fits directly onto your existing Sweed feeder using the existing mounting bolt pattern.
- Three separate, quickly serviceable Pinch Roll assemblies are designed specifically to minimize downtime.
- Wheels mounted onto heavy 1-15/16” diameter spring tensioned shaft with a heavy-duty bearing located at each end of the shaft.
- Sweed: 72 pieces of 5/8” ID wheel bearings vs. Westmill™: 6 pieces 1-15/16” bearings.
- Eliminates need for constant replacement and shimming of the small wheels and bearings.
- Westmill™ provides solid wheels (not pneumatic) specially designed to last in this application.

Cam-To-Hydraulic Tipple Conversion

(Available on our new Feeder as well as on our conversion package for your existing Feeder)

Whether on our new Dryer Feeder, or as a retrofit package for your existing cam-driven Feeder, our Hydraulic Tipple will give you a modern, hydraulic cylinder actuated tipple. This system provides extremely fast feed rates with very accurate positioning to the infeed rollcase. Included with our Tipple Conversion:

- High speed Vickers or Bosch proportional valve with electronics
- Two (2) Royal 2” x 18” Cylinders
- One (1) Royal cylinder housing complete with Temposonic probe
- Fabricated cylinder mounts
- Roll mounted timing wheel and photo cell
- Optional on retrofits: piping, hoses, and 20 HP/23 GPM Hydraulic Power Unit (sized to also run Scissor Lift – see Scissor Lift brochure)



Retrofit to existing tipple

Veneer Specifications

Veneer size and species:	Any
Green veneer moisture content:	Any, including redry sheets

Machinery Specifications

Electrical requirements:	5 HP motor (3-phase). Soft start recommended.
Field mounting:	Anchored to plant floor. Machinery feet have mounting holes.
Air requirements:	60 PSI

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

