

WOOD PRODUCTS APPLICATIONS



Force Control Industries Inc. has built a reputation for reliable, cycling drives in the dirty, wet hot, hostile environments, where production is paramount, downtime is expensive and high cycle rates with accurate positioning is required.

Our experience includes automotive production lines, food processing, shingle plants, steel mills, mining, concrete block plants, material handling, gypsum plants and of those, the entire wood products industry. We have installed hundreds of systems in the wood products industries over the years and regularly repair drives that have been running for more than 10 years. These customers recognized the value of our reliability to increase production rates, decrease downtime, perform less maintain and therefore produce more product.



The advantages of Clutches and Brakes with Oil Shear Technology over the competition.

- **Longer life**—in typical applications it is not unusual to see 5 to 10 times the service life of most competitive products.
- **No Regular Maintenance***—There is no regular maintenance replacing friction discs, pads, or shoes, bearings, O-rings, or coils.
- **No Adjustment—Ever!**—The unique design and Oil Shear Technology eliminate the need for regular adjustment.
- **Quiet Operation**—the combination of Oil Shear Technology and the heavy sealed housings eliminate the sharp noise of engagement and eliminate any squeal of acceleration or deceleration.
- **Higher Cycle Rates**—Oil Shear Technology enables higher cycles rates by continuously removing heat in the friction stack.
- **Less Down Time**—The unique design, high quality components and Oil Shear Technology mean less chance of failure causing unexpected downtime.

**Annual fluid change recommended for maximum performance and life.*



Dimensional Lumber

- Log Deck Chain
- Debarker Infeed conveyor
- Inclined (Jack Ladder) Hoist
- Step Feeder
- Chip & Saw Infeed Conveyor
- Unscrambler Conveyor
- Lumber Stacker Hoist
- Planer Breakdown (Tilt) Hoist
- Breakdown Hoist Discharge Conveyor
- Edger Infeed Conveyor

Oriented Strand Board (OSB)

- Debarker Infeed conveyor
- Reject conveyor
- Storage conveyor
- Loader Tipple
- Press Loader Hoist
- Press Unload Hoist
- Triangle conveyor
- Return conveyor
- Speed Up conveyor
- Preload conveyor
- Loader Lug Chain
- Press Lug Chain
- Unloader Boom
- Book Clamp Motor Brake
- Trim Saw Chain Conveyor

Plywood/Veneer

- Inclined (Jack Ladder) Hoist
- Tipple Hoist
- Veneer Composer
- Infeed (Hot Press) Elevator
- Press Loader
- Panel Turner
- Lathe Carriage Clipper
- Plugger
- Outfeed (Cold Press) Elevator
- Trim Saw Chain Conveyor

Call today! 800-829-3244

Force Control Clutches & Brakes Featuring Oil Shear Technology



MagnaShear
Spring Set—Electric Release
Coupler Brake



MagnaShear
Spring Set—Electric Release
Motor Brakes—Blower Motor



MagnaShear
Spring Set—Electric Release
Motor Brake—Encoder



MagnaShear
Spring Set—Electric Release
Low Temp. Motor Brakes



Posistop
Spring Set—Air/Hyd. Release
Motor Brakes



Posistop X Class
Spring Set—Air Release
Motor Brakes



Posistop X Class
Spring Set—Air Release
Custom Air Coupler Brake



Posistop
Spring Set—Air Release
Servo Motor Brake



Posidyne
High Cycle Air Actuated
Clutch Brake



Posidyne
Electro-Hydraulic Actuation
Clutch Brake



Posidyne X Class
Value Engineered Air Actuated
Clutch Brake



Posidyne 1.5
Air Actuated Clutch Brake
with Integral Gearbox

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