

Z20-LPK

Automatic Lumber Strapping Machine



Minimize board loss and degradation during the handling and drying process.

SIGNODE[®]

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The Z20-LPK strapping system is designed to unitize green or rough cut lumber at the sawmill prior to kiln drying, improving your company's productivity and profitability. The innovative Z20-LPK combines an easy to maintain modular strapping system with specially engineered plastic strap to:

- Eliminate the handling of loose lumber loads
- Minimize board loss and degradation during the handling and drying process
- Eliminate manual batten positioning in the storage yard

Improve lumber grade recovery and ensure safety

Compression strapped lumber loads can be transported safely between the mill and the storage yard, reducing the risk of loose or falling boards, which can endanger operator safety and reduce lumber yields.



Minimize lumber degradation

The Z20-LPK uses High-Strength Tenax™ polyester strapping. The excellent elongation and recovery characteristics of High-Strength Tenax keeps straps tight during the drying process, making it ideal for green lumber that shrinks dimensionally during drying.

Straps are positioned throughout the load, both close to the stickers and to the ends, producing a tighter package to minimize and reduce the instances of twisting and warping that typically occur during the drying process.

Eliminate manual batten positioning

The Z20-LPK features a programmable automatic top batten feeder to eliminate manual positioning and ensure accurate, consistent placement of battens for maximum load stability. The system can be programmed to position loose battens between straps on longer loads that may require additional support during the drying process.

Z-20 Modular Strapping Head



Tensioning module



Sealing module

The Z20-LPK system features a modular, lightweight strapping head that is easy to access and remove for maintenance, drastically reducing downtime. When switching to a spare module, lumber packaging stations can be up and running in a matter of minutes.

Easier to maintain

- No special handling equipment necessary
- Simple design with fewer moving parts and more durable wear parts
- No belts, pulleys or adjustments
- Easy access to the strap path



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