

Z-20[®] Modular Strapping Head for Lumber



Z20 Model shown installed on a hydraulic lumber press. The modular system with one of the lowest TCO ratings, is the optimum solution for today's lumber plants with high production throughputs.



Sealer Module weighs only 18 kg



Strap Feed & Tension Module weighs 32 kg

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The innovative Signode Z-20[®] strapping system features separate modules weighing from 18-32 kg. The narrow light-weight modules have very easy access on the lumber machines and can be easily removed for preventative maintenance in a few minutes. Servicing for each of the main two modules can be normally completed, with simple tools within less than an hour.

- Maximum machine up-time with Modular Z-20[®] head
- Easily removed by without handling equipment
- Increased flexibility due quick change-out system
- All electrical drive with easy-out multi-plugs.
- Total lowest cost of ownership (TCO)
- Patented Z-weld[®] joint for maximum joint strength and joint efficiency.
- Can be supplied as a retrofit kit for most lumber presses.

Z-20 Main System Features

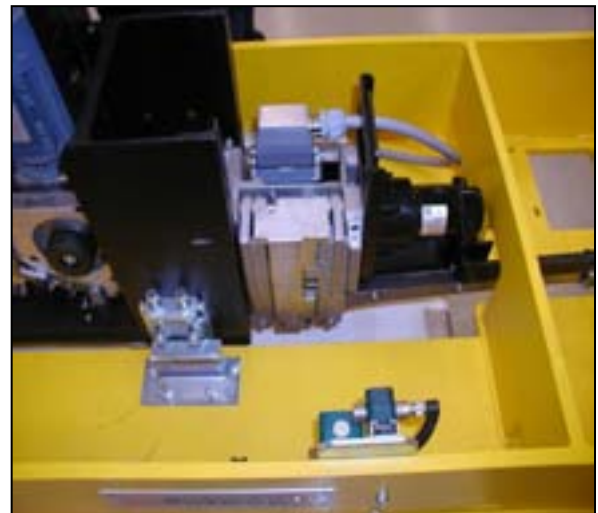
- Fewer moving parts
- Highly durable parts built into system
- No belts, no pulleys, no adjustments
- Easy access to strap path in modules
- Z-weld[®] joint for maximum shear strength
- Strap cut at joints, eliminates strap waste
- High tension strap winder, no strap damage
- No handling crane needed for service work
- Strap tension adjustment on control panel
- Sealed electrical motor brushes and bearings
- Cycle counter for TCO performance monitoring

Technical Specifications

- Strap Types Tenax PET Polyester
- Strap Sizes 16 - 19 mm
- Strap Gauges 0,9 mm to 1,5 mm
- Drive Electrical
- Strap Feed Speed 3,1 m/sec
- Strap Take-up 3,1 m/sec.
- Tension Up to 5.000 N
- Controller Siemens PLC
- El. Connection 400V 3Ph 50Hz
- Control Voltage 24 V DC
- Sealer Size 380 x 235 x 165 mm
(H x W x L) 18 kg
- Feeder Size 405 x 405 x 190 mm
(L x W x H) 32 ka



Easy access on tensioning modules to strap path for strap loading and trouble-shooting



Simple slide-in-and-fix carriage for the sealer unit is easy to use as no tools are required