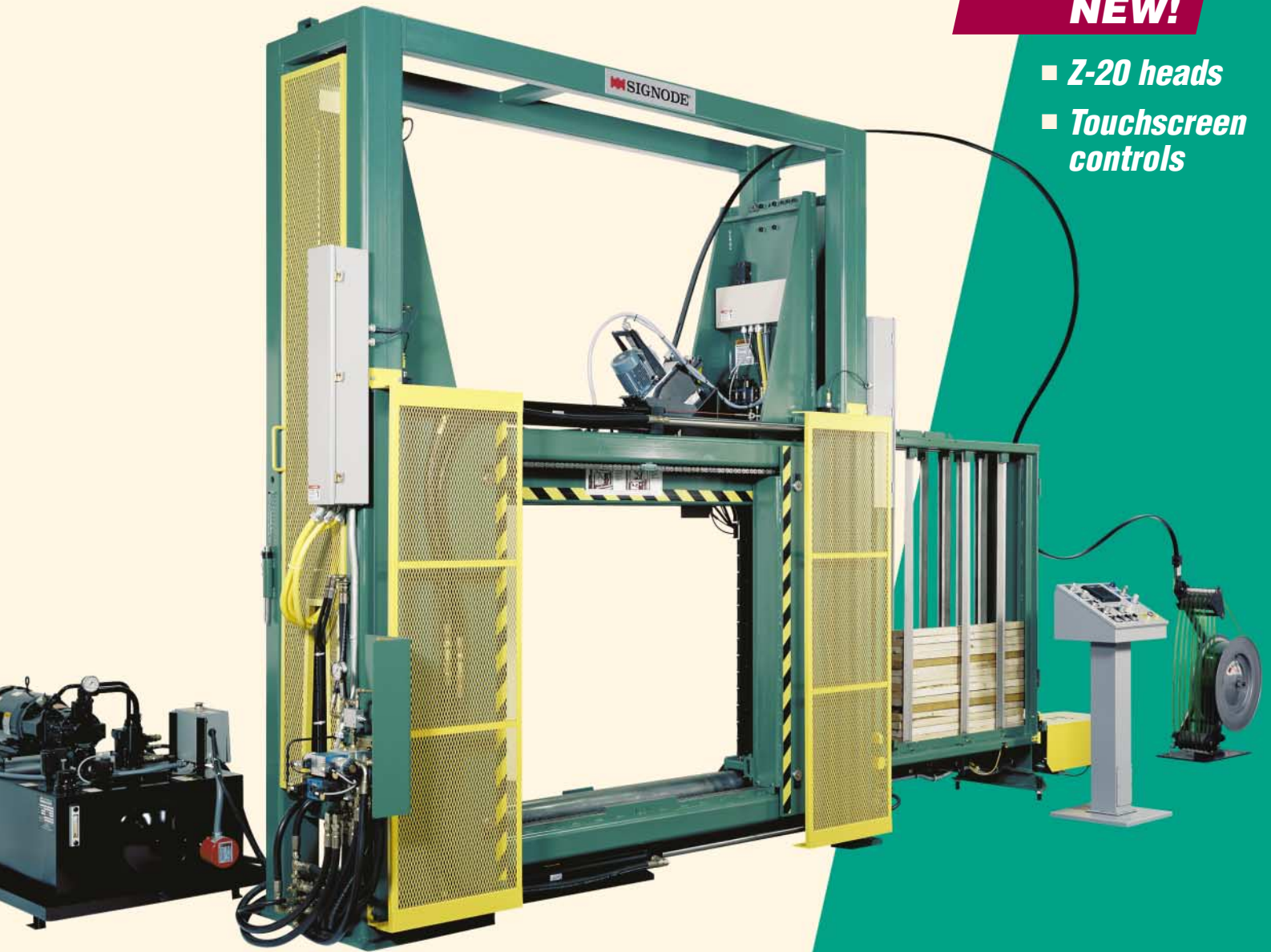


**NEW!**

- *Z-20 heads*
- *Touchscreen controls*



**Z20-MP**

*Lumber  
and Panel  
Packaging  
System*



# Z20-MP

## Lumber and Panel Packaging System

The revolutionary Z20-MP compression strapping system features a modular design that facilitates easier maintenance and operation. Sequential top and side compression produces tight, stable packages with high retained tension to withstand vibration and rough handling during shipping. Simple to operate and easy to maintain, the Z20-MP can improve your company's productivity and profitability.

### Key Features

- Innovative, all-electric Z-20 strapping heads
- Hydraulic compression provides the maximum degree of package integrity
- Telescoping chute system allows strap feeding at any platen height, reducing the cycle time
- Modular options can be tailored to any plant configuration

### Operator Console

- Tension changes are made by a simple adjustment on the touchscreen
- Detailed operator interface displays machine status, cycle data, operating modes and set points
- Keylock selector switch for service mode



### PSD-119 Plastic Strap Dispenser

- Accumulating, tension actuated mechanical dispenser for use with High Strength Tenax strapping. Models also available for 247 lb super jumbo coils



### Durable Construction

- Welded structural steel frame and platen resists torsional stresses
- Large 8" diameter compression roller ensures compression is distributed directly to the load

## SIGNODE®

3650 West Lake Avenue • Glenview, Illinois 60026  
1-877-744-3673 • www.signode.com

### Z-20 Modular Strapping Heads



Tensioning module



Sealing module

The Z20-MP system features separate, lightweight strapping heads that are easy to access and remove for maintenance, drastically reducing downtime. When switching to a spare module, lumber and panel packaging stations can be up and running in 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

### Material cost savings

Minimizes strap waste by cutting strap at the joint

### Tighter, safer packages

Pulls up to 1,000 lbs of tension to produce a tight, stable package with high retained tension. The patented Z-weld friction joint yields superior shear strength and peel resistance.

### Specifications

#### Approximate machine size:

122"L (231"L with batten feeder) x 36"W x 134"H

#### Machine opening:

Minimum: 6"H x 24"W (150 mm x 610 mm)

Maximum: 54"H x 66"W (1370 mm x 1675 mm)

For special package dimensions, consult your Signode Industry Specialist.

#### Z-20 Modular Heads

##### Tensioning head:

Weight: 60 lbs (27 kg)

##### Sealing head:

Weight: 37 lbs (16.7 kg)

**Strap feed and take-up rate:** 10 ft/second (3 meters per second)

**Applied strap tension:** Adjustable from 200 to 1,000 lbs (890 to 4450 N)

#### Strapping:

5/8" (16 mm) width x .035 to .040" (0.89 mm to 1.0 mm) gauge High-Strength Tenax polyester

3/4" (19 mm) width x .040 to .060" (1.0 mm to 1.50 mm) gauge High Strength Tenax polyester

#### MP Compression Strapping Machine

**Cycle rate:** Single strap application is approximately 10 seconds. Cycle rate may vary depending on package size, machine options and hydraulic adjustments.

**Top compression:** 20,000 lbs at 1,500 psig (88 964 N at 10 342 kPa)

**Side compression:** 18,000 lbs at 1,500 psig (80 068 N at 10 342 kPa)

**Hydraulic power:** 10 hp at 1,500 psig (7.5 kW at 10 342 kPa), 60 gallon (228 liters) reservoir

**Electrical requirements:** 480 volt, 60 Hz, 3 phase, 35 amps

**Control Panel:** Allen-Bradley MicroLogix® 1500 PLC

Allen-Bradley PanelView™ 600 Color Touch Screen

#### Options

- Automatic dual rack batten magazine. Can be attached to either end of machine
- Automatic top and/or bottom edge protector applicators
- Side compression
- Ethernet communication module