

SIGNODE **Z30-MP2**

Lumber and Panel Packaging System



Innovative Features

- ***All-electric Z-30 modular strapping heads***
- ***Modular components***
- ***External consumable loading***
- ***Simple diagnostics***
- ***Independent side compression***



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The Z30-MP2 compression strapping system's innovative design delivers greater reliability and flexibility than any other lumber and panel packaging system. Simple to operate and easy to maintain, the Z30-MP2 can greatly improve your company's productivity.

Independent side compression

The Z30-MP2's unique independent side compression provides more surface coverage for better load squaring and alignment. Automatic load positioning provides a wide range of flexibility, accommodating quarter-packs, half-packs and long loads.

Automatic refeed

Automatic refeed attempts to refeed the strap when sensing an obstruction in the strap path, minimizing downtime.

External loading

Remote strap dispensers, top edge protection and batten feeders can all be loaded externally, providing maximum uptime and eliminating the need for the operator to enter the machine.

Simple diagnostics

An easy to understand, user-friendly operator interface provides quick and easy diagnosis of service-related issues. Common electrical parts are readily available from local sources.



Z-30 Modular Strapping Heads

The Z30-MP2 system features separate, lightweight strapping heads that are easy to access and remove for maintenance, drastically reducing downtime. The feed module is located off of the platen, enabling it to be removed and serviced quickly.

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

Tighter, more secure packages

The Z-30 modular head provides the highest retained tension levels in the industry.

Z30-MP2 Specifications

Approximate machine size:

162" L (268" L with batten feeder) x 53" W x 145" H

Machine opening:

Minimum: 5.5" H x 24" W (140 mm x 610 mm)

Maximum: 48" H x 62" W (1219 mm x 1575 mm)

For special package dimensions, consult your Signode Industry Specialist.

Z-30 Modular Heads

Feed module: Weight: 47 lbs (21.3 kg)

Take-up module: Weight: 58 lbs (38.5 kg)

Sealing module: Weight: 37 lbs (16.7 kg)

Strap feed and take-up rate: 15 ft/second (5 meters per second)

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

MP2 Compression Strapping Machine

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

Top compression: 25,000 lbs at 2,300 psig (111 205 N at 15 858 kPa)

Side compression: 20,000 lbs at 2,300 psig (88 964 N at 15 858 kPa)

Hydraulic power: 10 hp at 2,300 psig (7.5 kW at 15 858 kPa), 60 gallon (228 liters) reservoir

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

Control panel:

Allen-Bradley CompactLogic PLC

Allen-Bradley Operator PanelView Plus 600 Color Touch Screen

Z30-MP2 Options

- Automatic dual rack batten magazine. Can be attached to either end of the machine.
- Automatic top edge protector applicators
- Side compression
- Onboard Ethernet communication
- Automatic load positioning



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