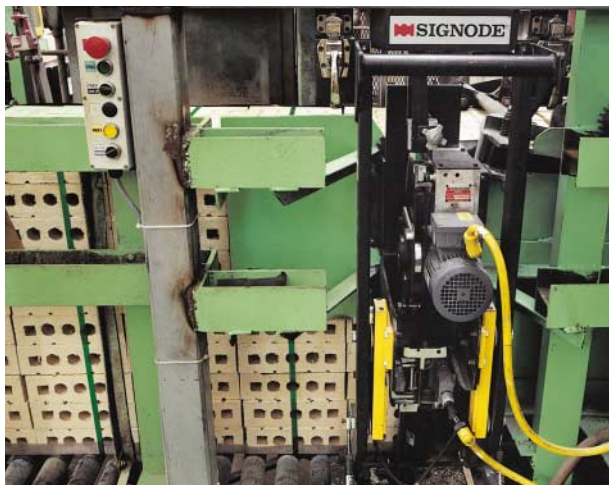


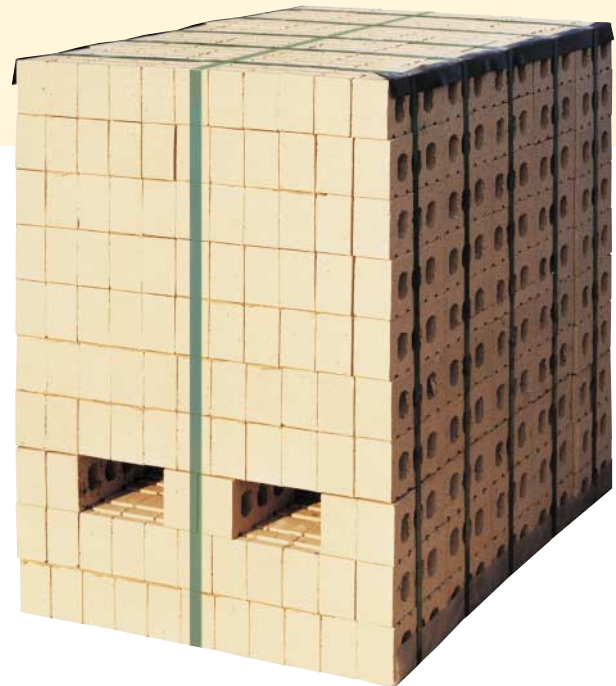
Z-20 Brick Packaging System

Simpler
Faster
More reliable

Signode's Z-20 modular strapping system improves on current strapping systems to bring a higher level of durability and productivity to brick packaging applications. Designed to reduce maintenance costs and accommodate faster production speeds, the Z-20 integrates Signode's latest strapping technology into a simple to operate and maintain brick packaging system that can improve profitability and reduce downtime for your operation.



At Acme Brick in Malvern, Arkansas, the Z-20 system has virtually eliminated downtime due to strapping system failures, and has provided a 10% increase in productivity.



Modular design

The Z-20's innovative modular design consists of separate sealing and tensioning modules each weighing less than 60 lbs. These lightweight, compact modules are easy to access and can be changed out quickly for routine maintenance, eliminating any downtime. When switching to a spare module, typical brick packaging stations can be up and running in less than a couple of minutes. No lifting device or special handling equipment is required.

Unique Side Mount Strapping Head

Faster production

By moving the strapping head from the top of the cube to the side, we've reduced the cycle time from nine and one-half seconds to six seconds.

Safer operation

Operators can now access all necessary components without the use of heavy equipment or having to climb on top of the machine.

Tighter, safer brick cubes

By placing the strapping head on the side of the brick cube, a greater amount of tension can be applied to create a tighter, more uniform brick cube with higher retained tension. This provides increased stability to prevent brick cubes from sagging when transported by fork truck across rough terrain.



More reliable

Having the Z-20's strap joint placed on the side of the cube prevents joint breakage when sliding one brick cube across the top of another. The Z-20's proven sealless Z-weld friction joint yields superior shear strength and peel resistance to withstand even the toughest impacts without breaking.

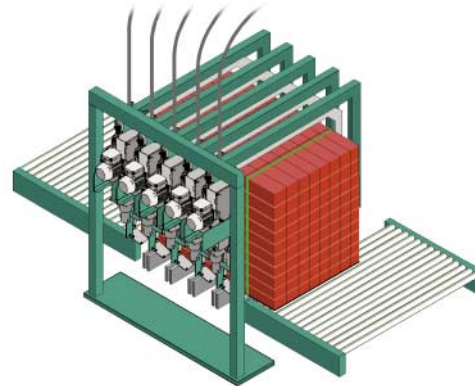
Minimize downtime

No adjustments needed

The Z-20 can accommodate special production runs without making any strapping head adjustments, saving valuable time. Regular brick packs and half-packs can be interchanged during production runs without the need for changes or adjustments.

More efficient strapping

The Z-20's narrow, compact design allows the strapping heads to be mounted side-by-side. This saves time by enabling up to five straps to be applied simultaneously.



Easier to maintain

Constructed with fewer moving parts and more durable wear parts, the Z-20 is more cost-efficient and easier to maintain. There are no belts, pulleys or tolerances to worry about. Easy access to the strap path allows any operator to keep the system clean without special training or experience. Strap chutes are fixed for additional durability.

Specifications

Strapping

16mm width x 0.76mm to 1.00mm gauge
19mm width x 1.00mm to 1.50mm gauge

Rate of feed

10 feet per second (3.1 meters per second)

Rate of take-up

10 feet per second (3.1 meters per second)

Strap tension range

200 to 1,000 lbs (890-4450N)

Electrical requirements

230 volt, 60Hz, 3 phase
400 volt, 50Hz, 3 phase
460 volt, 60Hz, 3 phase

Tensioning module

Height: 16" (405mm)
Width: 16" (405mm)
Depth: 7-1/2" (190mm)
Weight: 60 lbs (27kg)

Sealing module

Height: 15" (380mm)
Width: 9-1/4" (235mm)
Depth: 6-1/2" (165mm)
Weight: 37 lbs (16.7kg)

 **SIGNODE**[®]

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