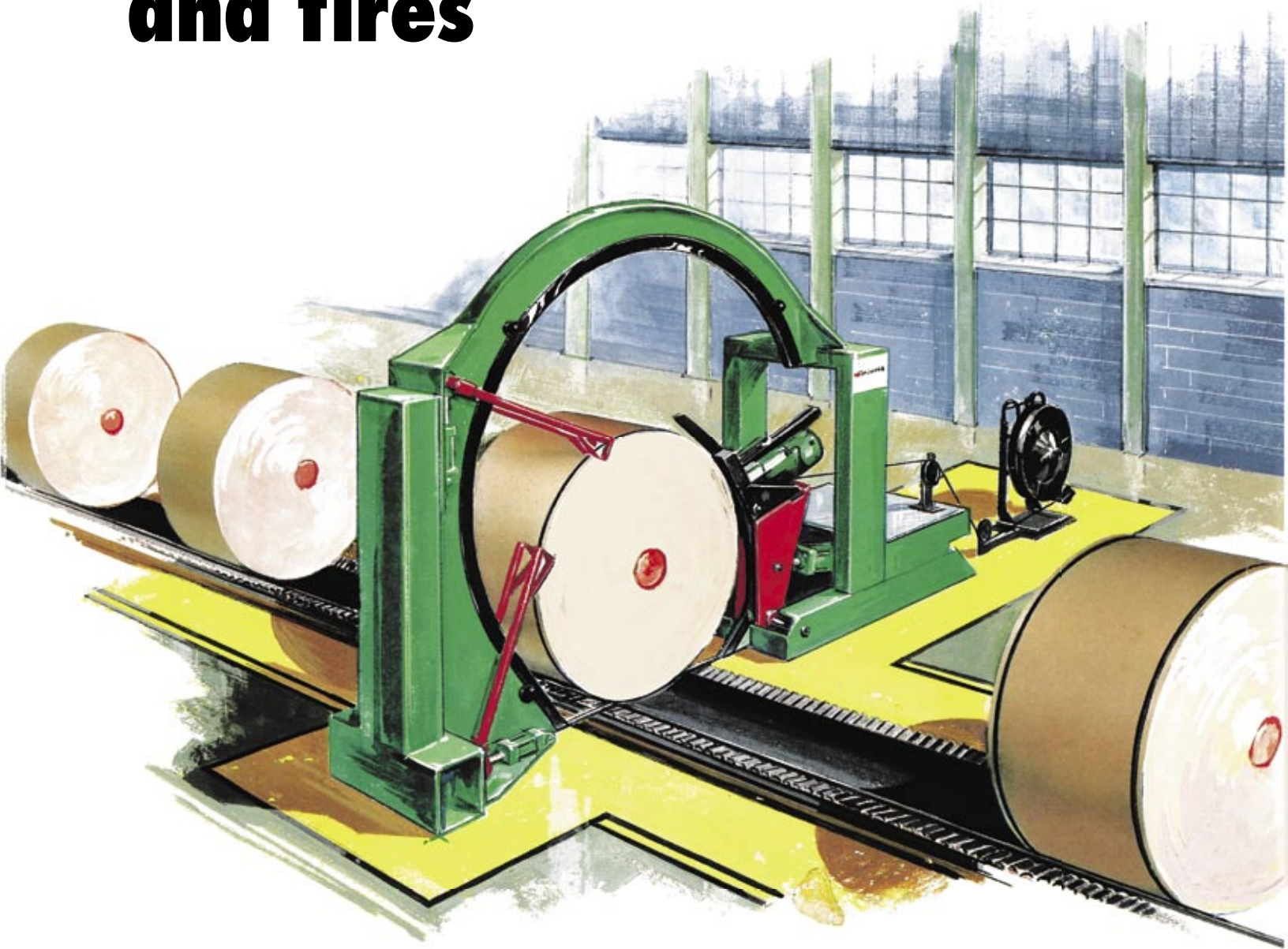


Reduce roll damage from handling and fires



Model M20RM
Roll-end binding machines

 **SIGNODE®**

Curved edge steel strapping is a money-saver in the paper industry.

It prevents snagging and slipping; also reduces damage from handling, shipping and on-end storage.

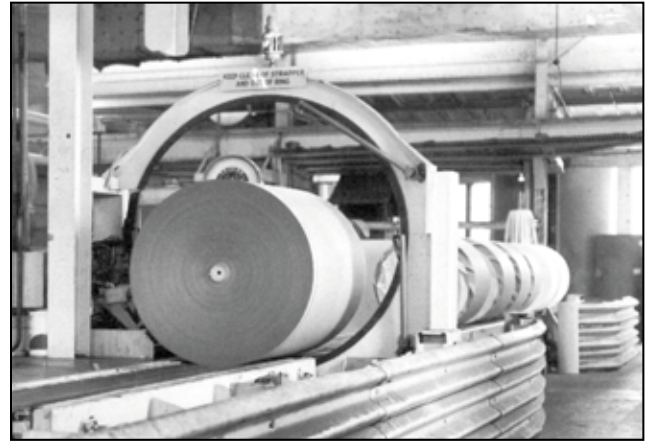
Insurance companies do recognize that fire damage will be less severe on steel strapped paper rolls. Circumferential steel straps will prevent the unwinding and exfoliation of paper rolls stacked on end.

That's where we come in. With the M20RM line. Four roll-end binding machines designed to place straps accurately.

Use them with your present roll-handling conveyor system. Signode works with your conveyor supplier to ensure that your strapping machine and conveyor fit together properly.

And Signode's M20-2 strapping head (far right) will help keep your operation flowing. A 350 lb. precision mechanism, the M20-2 is tough. So tough, that some have applied over three million straps. That means almost three decades of steady, dependable service.

The M20RM line. All are reliable. All are operatorless. And all are from Signode—the leader in roll-end binding technology for over 45 years.

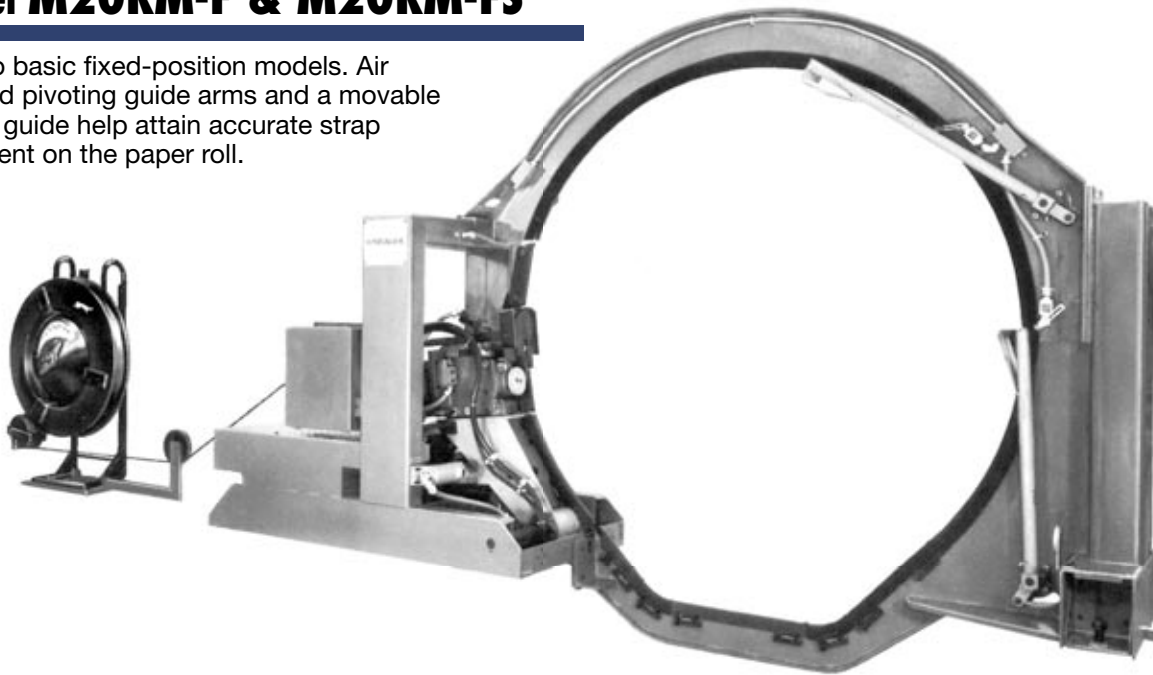


Rolls of paper on-line for strapping. The M20RM accurately places 3/8" or 1/2" curved edge steel strapping on both ends of the roll.

The M20RM line...

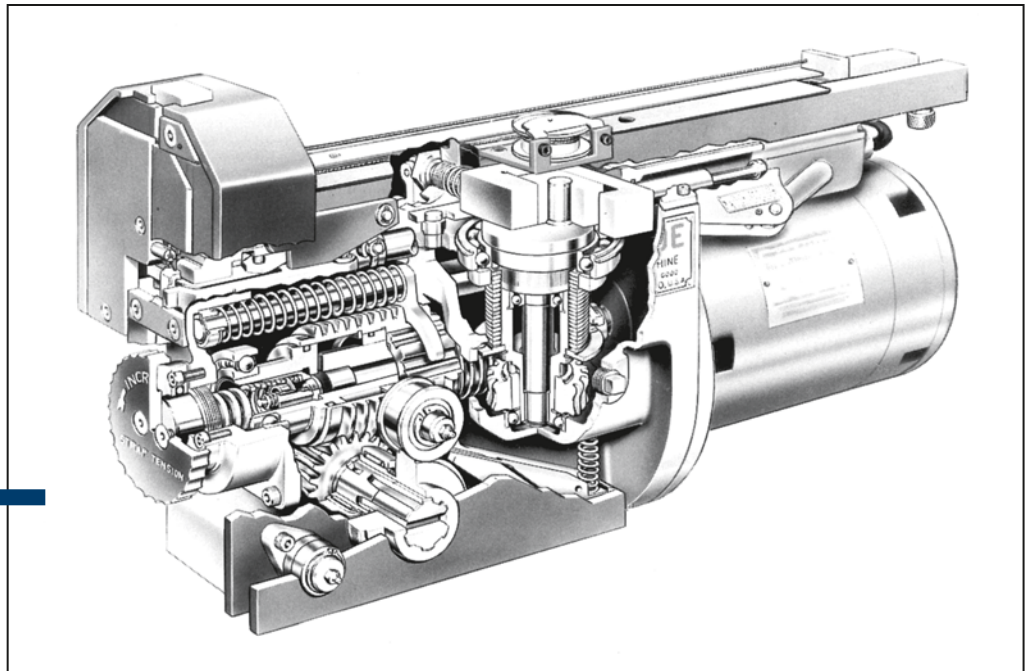
Model M20RM-F & M20RM-FS

Our two basic fixed-position models. Air actuated pivoting guide arms and a movable bottom guide help attain accurate strap placement on the paper roll.



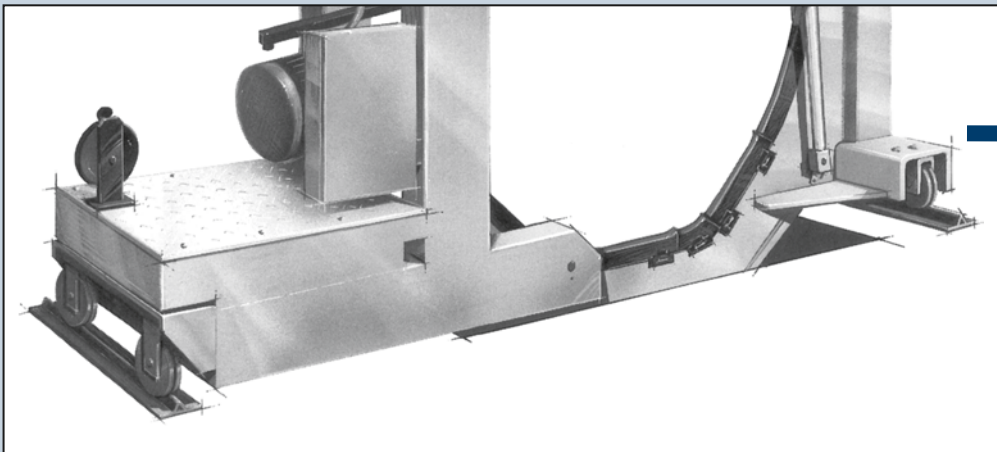
The M20-2 Strapping Head

Proven performance for over
45 years.



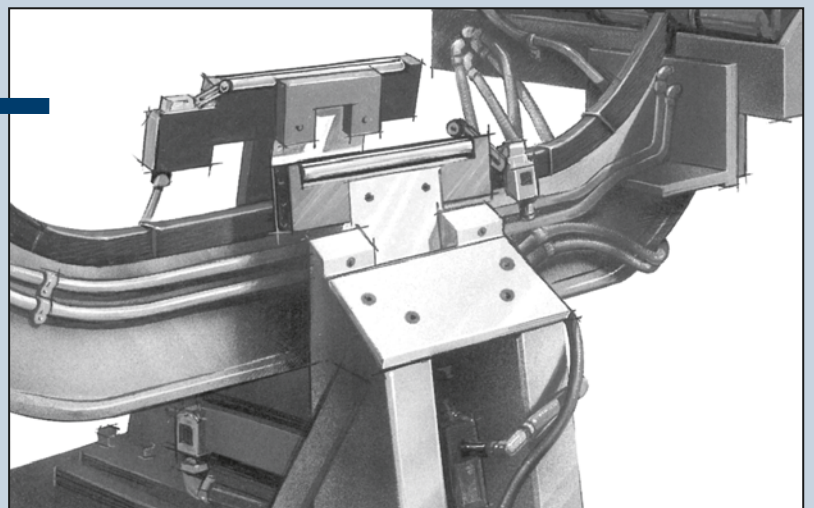
Model M20RM-M

Entire machine moves laterally
on a V-groove track. For
accurate track placement,
photoelectric eyes sense the
ends of the paper roll.

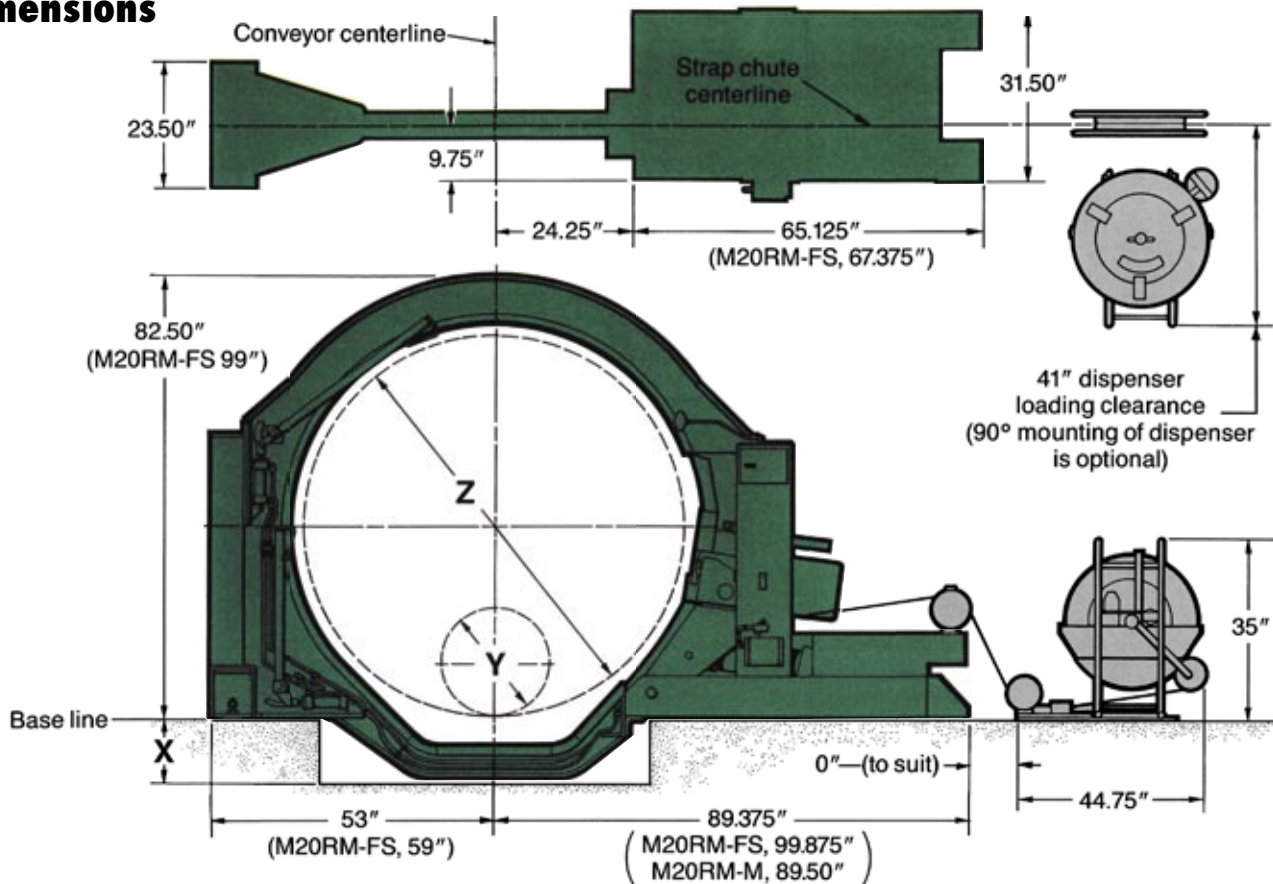


Model M20RM-P

Incorporates positive stops which facilitate
accurate and repeatable strap placement
near the ends of the paper roll.



Dimensions



Model	X Pit depth or conveyor height	Y Minimum paper roll diameter	Z Maximum paper roll diameter
M20RM-F	11.50"	20"	72"
M20RM-FS	12.00"	36"	84"
M20RM-M	14.50"	20"	72"
M20RM-P	23.00"	20"	72"

Specifications

Models M20RM-F, M20RM-FS, M20RM-M, M20RM-P

Minimum roll width

Subject to specifications of conveyor supplier

M20-2 strapping head motor

3 hp, 1800 rpm

Applied strap tension

Adjustable from 50 to 1200 lbs.

Seal magazine capacity

300 for 3/8" strap, 250 for 1/2" strap

Strap size

Apex™, 3/8" x .015" through 1/2" x .020". Curved edge or flat. Factory adjusted for a specific width

Strap chute

Fully enclosed, clam shell design, made of heavy-gauge steel plate for reliable, trouble-free strap feeding

Strap guide arms

The ends of the two air-powered guide arms are hinged and spring loaded to ensure that both "feet" make positive contact with the paper roll

Paper roll anticipator

Fast pivoting strapping senses when it is nearing the paper roll's surface and slows to a cushioned stop against the roll without displacing light weight rolls

Strap dispenser

Model DP1-12R with powered take-up and OD take-off (100 lb. millwound coil capacity)

Electrical requirements

240, 480, or 600 v, 3 phase, 60 Hz

Pneumatic requirements

60 psi (minimum), 12.3 cfm

Third (upper) guide arm option

Improves strap placement accuracy on the paper roll

Operatorless option

Various combinations of center and/or end straps are controlled by a three position selector switch