

VSM-Z20

PRODUCTS
SERVICES
INTEGRATION
AUTOMATION



pack



bundle



unitize



warehouse

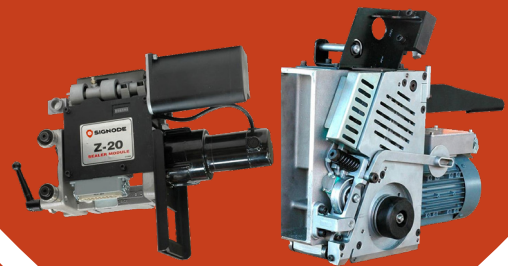


transport



VSM-Z20

Stand-alone or retrofit strapping machine



Greater productivity

Reduced investment means faster return on upgrade. All electric Z20 operation reduces service, parts and overall TCO costs.

Uncomplicated to operate

Intuitive, easy to use, icon-driven operator HMI for simple packaging program changes and machine status check.

Low-cost high performance

Effortless ease of integration, small machine footprint and reduced time for upgrade to an existing lumber press.

Flexible application

Quick and simple press upgrade. Can also be used as a free-standing lumber package plastic hood strapper.

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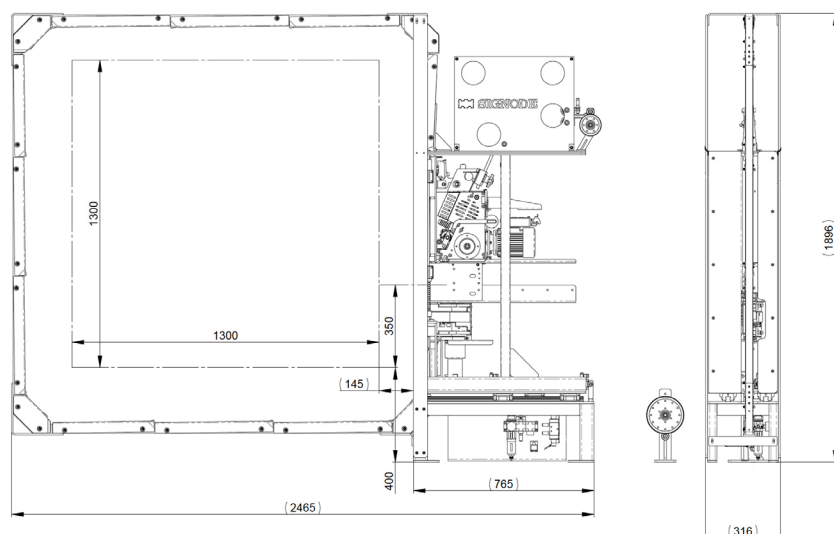
VSM-Z20 Technical Specifications

Strapping head	side-mounted, modular Z20
Strap type	16 - 19 mm PET
Head stroke to pack	320 mm max.
Chute type	Full length strap chutes for high-speed feeding
Electrical supply	400 VAC, 50 HZ, 3PE
Power consumption	2 kW
Control voltage	24 V DC
Throughput	10 second strapping cycle *
Machine weight	Approx. 250 kg depending on options
Package dimensions	See table
Strap coil core	Inner Ø 406 mm Outer Ø 760 mm Width 190 - 305 mm
Control panel (HMI)	HMI on control panel
Colours	Machine frame: Black aluminium, RAL 9005 Electrical cabinet: Light Grey, RAL 7035 Moving head carriage: Signal Yellow, RAL 1018
Min conveyor height	400 mm

* Performance: Depends on chute and package dimensions, conveyor speed, package distances and strap tension.
Additional package and chute dimensions are available on request.

Dimensions:

Illustrations show VSM-Z20 machine.
All dimensions in mm.



Z20 Technical Specifications

Strap tension	890 - 4450 N
Strap type	Polyester
Strap width	16 - 19 mm
Strap thickness	0,89 mm - 1 mm
Sealer weight	21 kg
Tensioner weight	33 kg
Sealing method	Friction weld / Z-weld®

Package Dimensions (Standard)

Min. package height	350 mm
Max. package height	1300 mm
Min. package width	200 mm
Max. package width	1300 mm

Standard Features

- Heavy duty machine frame design
- Separate strap feed and tension modules
- Side-mounted indexing head carriage for optimum retained strap tension on package
- Low-wear, stainless steel chute flaps
- Free standing HMI control panel
 - All functions can be selected via touch screen
 - Siemens KPT700 Basic 7"
 - Simple and easy to understand menu structure
 - Available in different languages
- PLC Simatic S7-1200
Standard strapping program
Manual / Cycle / Automatic / Free passthrough
- Interface, signal exchange via potential free contacts or Profinet.
All safety signals via potential free contacts
- "Strap coil end" pre-warning alarm