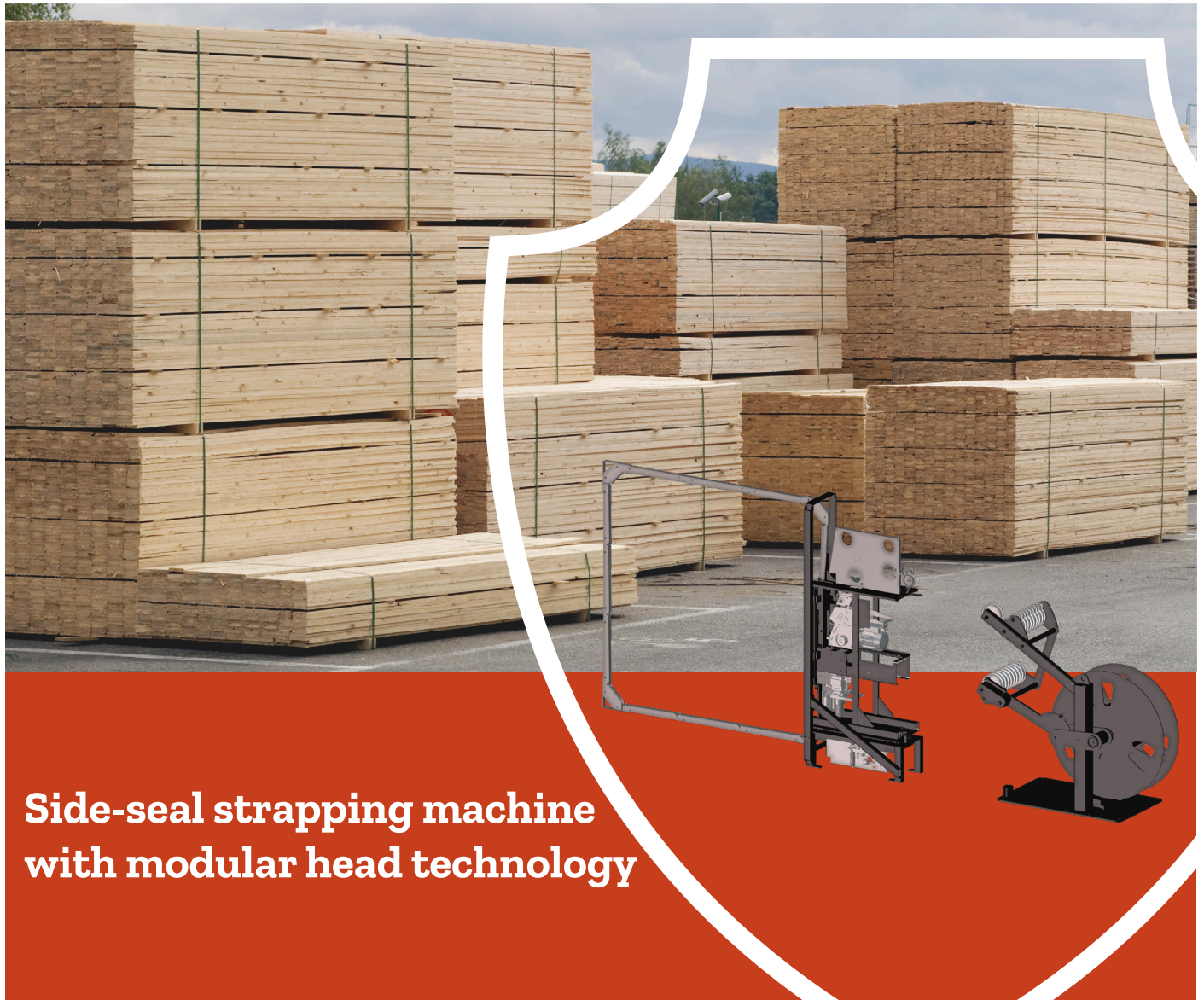


# VSM-Z20



### **Optimize Performance**

For maximum flexibility, highest productivity and performance

### **Enhance Flexibility**

Modular design allows use of various strapping head types

### **High Speed Productivity**

Automatic strap feed and take-up with smart dispenser

### **Low Cost Ownership**

Robust machine design with low maintenance to minimize costs

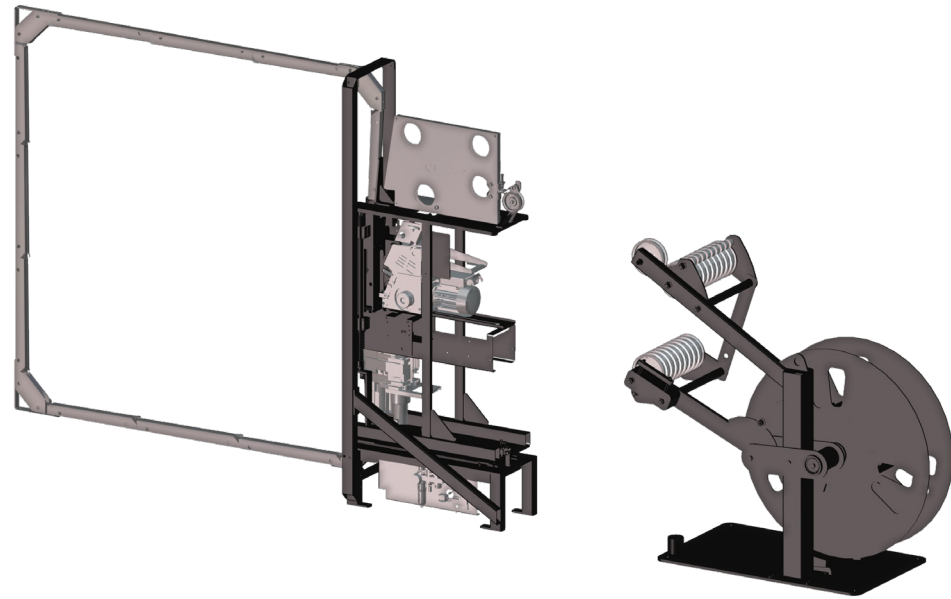
# VSM-Z20

## Side-seal strapping machine with modular head technology



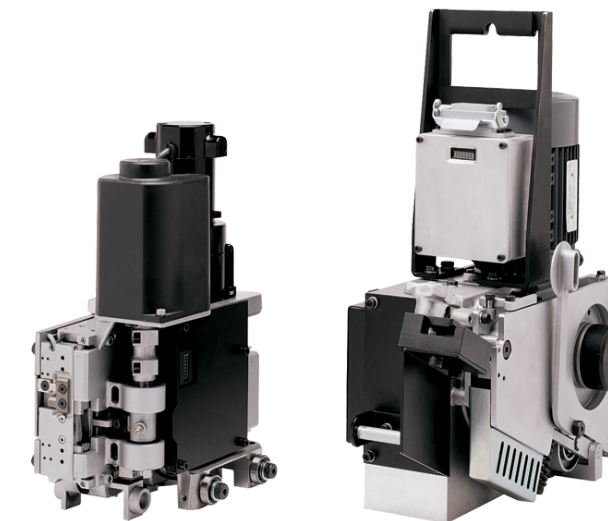
### VSM Machine / Features and Benefits

- **High reliability and flexibility**  
Heavy duty machine frame design. Low-wear, stainless steel chute gates.
- **Easy to service and low ownership cost**  
Few wearing parts, easily exchangeable. Direct brushless drives for head carriage, and bayonet for less service needs and longer operating life.
- **Communications**  
Interface, signal exchange via potential free contacts or Profinet. All signals via potential free contacts.
- **Reduced operator training needs**  
7" Siemens HMI operator touch screen for intuitive operation and simplified trouble shooting.



### Z20 Head / Features and Benefits

- **High performance**  
Head carriage mounting on side of load equipped with Z20 modular heads for high applied and retained strap tension on the load.
- **High seal efficiency**  
Friction weld technology, immediately available, no pre-heating time.
- **Increased durability**  
Durable and robust design and components for highest availability.
- **Reduce Downtime**  
Modules can be replaced in less than one minute eliminating the need to stop production.



### Flexible production options



Increase uptime with the optional OR-A600J multi-coil strap dispenser. Load up to six coils of strap on the rotating turntable.

### Intuitive HMI display panel



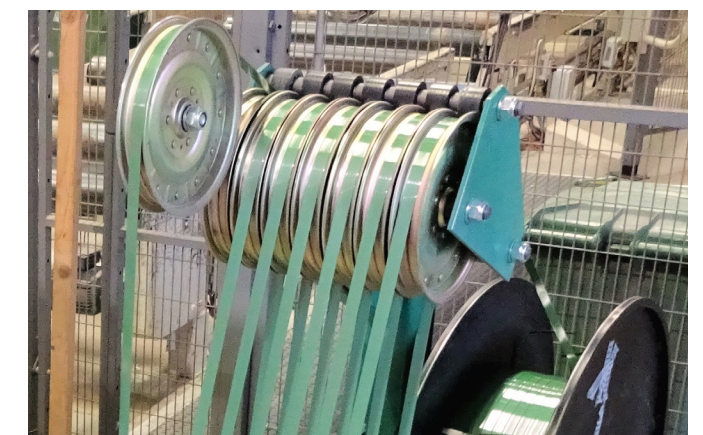
An icon driven control panel that provides step by step prompts for easy set up.

### Improved head carriage



The easily accessible head carriage allows easy service work when needed. Signode model Z-20 modular head technology improves performance and speed.

### Jumbo strap dispenser



The PSD-119J jumbo dispenser is an all mechanical strap accumulator design for reliability and performance when paired with Z-20 head modules.

# VSM-Z20

## Side-seal strapping machine



### Key Technical Specifications

Pack Width (mm)	200 - 1200
Pack Height (mm)	350 - 1200
Strap Size (mm)	16 - 19
Strap Types	Polyester
Strap Tension (N)	890 - 4450
Strap Feed Speed (m/s)	3.7
Controller	Siemens PLC S7-1200
Operator Display	7" HMI TFT Screen
Electrical Supply	400 VAC, 50 HZ, 3PE
Consumption (kVA)	2
Control voltage	24 V DC
Machine Weight	Approximately 250kg depending on options
Throughput	10 second strapping cycle *

### Available Options

- Indexing head carriage
- Low strap indicator
- Package pre-height dedection
- Conveyor and turntable options
- Load positioning & conveyor controls
- Machine guarding package
- Profibus DP
- Profinet
- Special color (RAL)
- Bayonet or closed-chute
- Strap end pre-warning

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

All dimensions shown in mm.

