

Specifications

Operation

- This electro-hydraulically actuated machine automatically compresses the load and applies a strap once the load is positioned. Compressing the load ensures package integrity from mill to customer, and if equipped with selected options can automatically apply bottom and/or top dunnage, top edge protectors to panel or veneer products.

Machine Opening

(Optional sizes available):

- Height: Max. (52 in.) (1320mm)
Min. (12 in.) (305mm)
- Width: Max. (58 in.) (1475mm)
Min. (30 in.) (762mm)
- Optional Width:
Max. (70 in.) (1780mm)
Min. (42 in.) (1067mm)

Machine Compression

- SLP-5 Top compression force 5,000 lbs (22kN)
- SLP-10 Top compression force 10,000 lbs (44kN)

Standard Equipment

- VK30 polyester strapping head with floating head mount
- Easy tilt head mount for ease of service
- Electronic tension control
- Full telescopic vertical strap track design with stainless steel guides
- CD-12J (polyester) and SCD-12 (steel) powered strap dispensers
- A/B Compact Logix PLC
- Prewired Operator Console
- Rack and pinion top platen equalizer
- Heavy duty load reaction roller
- Whisper quiet hydraulic piston pump
- High efficiency motor and hydraulic circuit
- Safety lock out system on control panel
- Platen mounted emergency tape switch
- Bunk receiver gate custom designed to suit exit conveyor

Optional Equipment

- VK-30M heavy duty polyester strapping head
- MH-600 super heavy duty polyester strapping head
- M-100 steel strapping head
- CD-12SJ jumbo polyester strap dispenser (350lbs, 160kg capacity)
- HD-13 jumbo steel strap dispenser (4,000lbs, 1,800kg capacity)
- Top fibre edge protector assembly
- Single or multiple magazine, all electric bottom bunk feeder unit
- Common sided load in feed option
- Multi strap automation program
- Partial to full diagnostic package
- Independent load side squaring device (5,000lbs, 22kN capacity)
- Custom designed and built in feed and exit load conveyors



Model VK 30 Polyester Strapping Head

- Heavy duty strapping head for panel applications
- Direct drive system delivers high tension with no belts or clutches
- Fastest heavy duty strapping head on the market
- Precision thermocouple heater-blade control allows consistent seals regardless of ambient temperature



MH600 Polyester Strapping Head

- For use with polyester strapping up to 1 1/4" wide.
- High tension capability of up to 1545lbs (7000 N)
- Compact and modular design
- High consistent seal efficiency because of environment temperature monitoring



M100 Steel Strapping Head

- High performance steel strapping head with floating head mount
- High tension capability of up to 1950lbs (9000 N)
- Modular feeding and sealing system
- Long lasting punches and dies
- Hydraulically powered and controlled

Equipment Solutions for the Panel and Veneer Industries



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Samuel SLP-10 Compression Strapping Machine for the Panel and Veneer Industries

Features

- All welded, rugged structural steel construction making this machine the strongest and heaviest in its class
- The machine is designed to provide maximum up time with minimal maintenance requirements
- Safety pins support the top platen during service work
- Up to seven magazine bottom bunk dispenser unit for variable length and height bunks
- Flat 3" x 6" fibre edge protectors available for top corner protection
- Advanced control system with available diagnostic package
- All photo eyes and switches are equipped with quick disconnectors
- Hydraulic system is designed and fine tuned specifically for the individual application (for different options) to reduce noise and electric power consumption
- All valves are equipped with indicator lights
- Machine is based on modular design concept allowing greater flexibility for custom applications
- Minimal equipment re-assembly required during installation.
- Fully equalized top platen motion for accurate and repeatable compression and top edge protection placement



Multiple magazine bunk dispensers



Telescopic strap track & independent bunk locator



Operator's console with service lockout (shown with optional AB HMI)



MH-600 head shown for super heavy duty polyester strapping applications



Standard VK-30 head shown for polyester strapping applications



Automatic top and bottom edge protection using flat fibreboard edge protectors



SLP-10 VE Model shown for veneer applications



Optional M100 head shown for steel strapping applications