

# EQUIPMENT SOLUTIONS

For the Panel and Veneer Industries



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**SAMUEL** 1855  
PACKAGING SYSTEMS GROUP

# SAMUEL SLP-10

Compression Strapping Machine for the Panel and Veneer Industries



## FEATURES

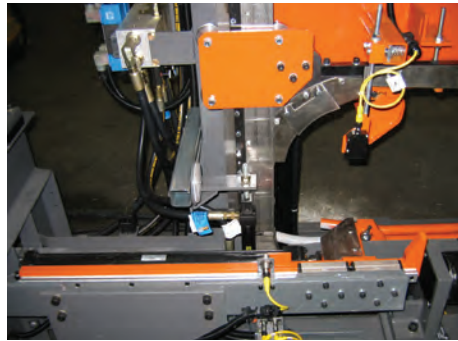
- All welded, rugged structural steel construction making this machine the strongest and heaviest in its class
- The machine is designed to provide maximum up time with minimal maintenance requirements
- Safety pins support the top platen during service work
- Up to seven magazine bottom bunk dispenser 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

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Multiple magazine bunk dispensers



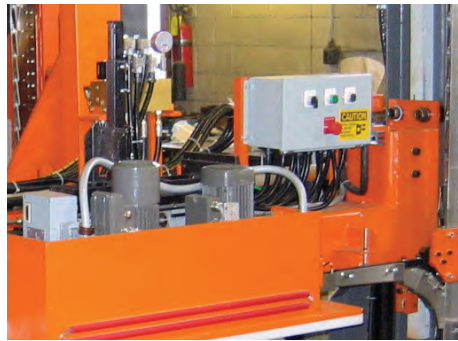
Telescopic strap track & independent bunk locator



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

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## 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

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

### MACHINE COMPRESSION

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

## 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

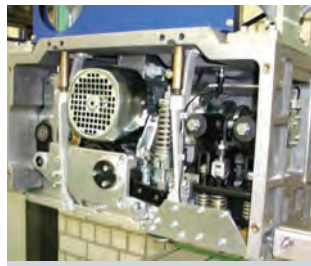
## OPTIONAL EQUIPMENT

- 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 (350 lbs, 160 kg capacity)
- HD-13 jumbo steel strap dispenser (4,000 lbs, 1,800 kg 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 (5,000 lbs, 22 kN capacity)
- Custom designed and built in feed and exit load conveyors



### MODEL VK30 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 1545 lbs (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 1950 lbs (9000 N)
- Modular feeding and sealing system
- Long lasting punches and dies
- Hydraulically powered and controlled

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