

VARIO MASTER 9440

High performance side seal strapping machine that can be used for boxes, pallet loads and aluminum extrusions or plastic tubings. Can be integrated into a conveyor line. Strapping head is side mounted on the arch and movable.

During the strapping cycle, the strapping head indexes towards the load before tensioning sequence, so tensioning and sealing are done against the side of the load. The bottom section of the strapping arch can be a standard undertrack style or an electric motor driven pallet bayonet for "through-pallet" strapping or a combination of both.



Optional pallet bayonet (void feeder) with electrically driven motion allowing through pallet strapping.

SYSTEM DESCRIPTION

- GS-41 strapping head side mounted in arch
- Moving feature for strapping head on linear bearings so head can be close to product when tensioning and sealing
- With pallet bayonet and/or undertrack, bottom arch system
- Strap seal through vibration welding providing high quality and consistent strap joints
- Strap dispenser with pulley block, strap return storage with electric brake

TECHNICAL SPECIFICATIONS

Production Rate:	90 LPH (with 2 + 0 strapping pattern)
Machine Size:	30"W x 192"L x 105"H
Machine Weight:	2800 lbs (excluding optional conveyors)
Electrical Requirements:	480 V/3/60 30A
Pneumatic Requirements*:	3 CFM @ 80 psi
Controls:	Allen Bradley MicroLogix 1200 PLC PanelView Plus 600
Strapping Head:	GS-41
Strap Arch Size:	Width: 48", 52", 60", 68" or 72" Height: 48", 60", 80", 92", 104" or 116"
Strap Type:	PET/PP
Strap Width:	3/8", 7/16", 1/2" or 5/8"
Strap Thickness:	0.015" to 0.040" for PET strap 0.025" to 0.040" for PP strap
Seal:	Friction
Strap Tension:	4,000N / 900 lbs/ft max

* Dependant of machine configuration

LINEAR MOVEMENT OF THE HEAD

The strapping head is mounted on a movable assembly guided through linear bearings and activated by an electric motor with direct rack/pinion drive or a pneumatic cylinder. The head has a load sensing device that detects the side of the load and tells the head movement to stop so tensioning and welding are done as close as possible to the product for maximum strap containment efficiency.

Custom machines and retrofits are also available, please consult factory



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FULLY AUTOMATIC STRAPPING SYSTEMS



POWER MASTER

VARIO MASTER 9471

VARIO MASTER 9440



MAILLIS STRAPPING SYSTEMS

**FEATURES FOR IMPROVED
PRODUCTIVITY AND EFFICIENCY**

POWER MASTER

The Maillis Power Master is specifically tailored to the corrugated and printing industries. It features an all-electric design that performs faster and more consistently with fewer maintenance issues than competing products. The Power Master is easily integrated into existing production lines to create a seamless packaging system, including a wide variety of conveyors, turning devices, centering devices, printers, scanners, scales, etc.



THE GS-41 STRAPPING HEAD

The Power Master is equipped with the renowned GS-41 strapping head.

LOAD HANDLING OPTIONS

The Power Master and Vario Master offer turntables, rotating cross and centering devices for all handling needs...accommodating pallet and palletless loads.



UP TO FOUR STRAPPING HEADS



The Power Master can either be fitted with up to four stationary strapping heads or with one or two moving strapping heads feeding as many as four strap tracks. This arrangement allows application of strap in up to four positions without releasing compression.

SYSTEM DESCRIPTION

CONTROLS

- Designed to interface with customer's conveyors and controls
- Allen Bradley SLC 5/03 PLC with PanelView Plus 600 operator interface
- Capable of 16 different fully adjustable strapping patterns

SEALING HEAD

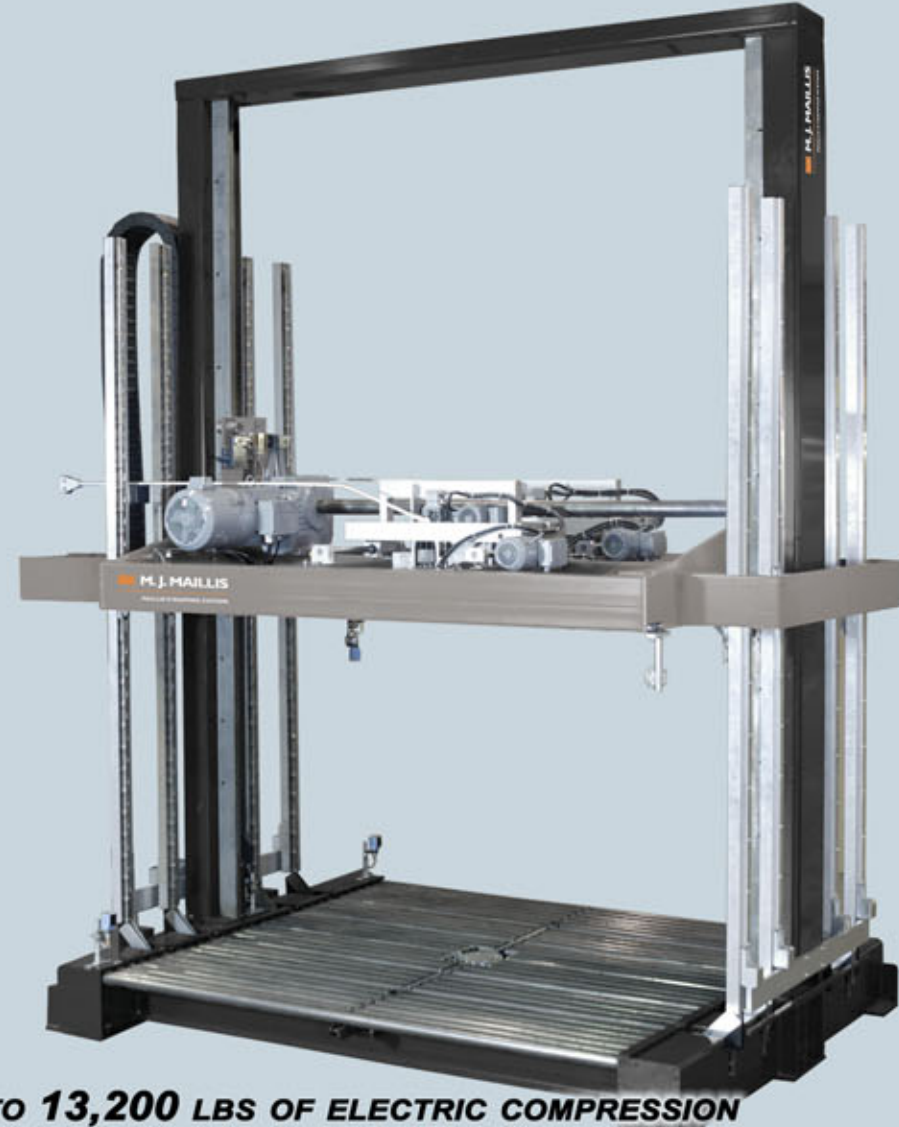
- Up to four GS-41 strapping head or one or two moving strapping heads
- Low-maintenance VIBRO "friction seal" welding unit
- Separate drive sections for fast strap transport and powerful tensioning (fully-electric)
- Strap tension infinitely adjustable with a range of 50-900 pounds
- Compact design with pivot mounting for easy access
- Safe strap guide including high strap speed force
- Accurate strap tensioning
- Automatic adjustment to varying thickness of strapping material (PP or PET)

OTHER AVAILABLE OPTIONS

- Undertrack and/or bayonet to strap load with or without pallet
- Corrugated top sheet applicator for edge protection of load

ADVANCED MACHINES BACKED BY: MAILLIS EXPERIENCE, WULFTEC ENGINEERING AND UNBEATABLE SERVICE

The Maillis name has been recognized as a leader in the strapping industry in Europe for over 35 years. In 2004, Maillis moved its production of high-end machinery for North America to Ayer's Cliff, Quebec. There, with domestic sourcing of the off-the-shelf components including Allen Bradley controls, Maillis Strapping Systems is producing technology advanced strapping systems suited to the North American market. With fully staffed parts and service centers in both the US and Canada, Maillis Strapping Systems has become the choice of the most demanding customers.



UP TO 13,200 LBS OF ELECTRIC COMPRESSION



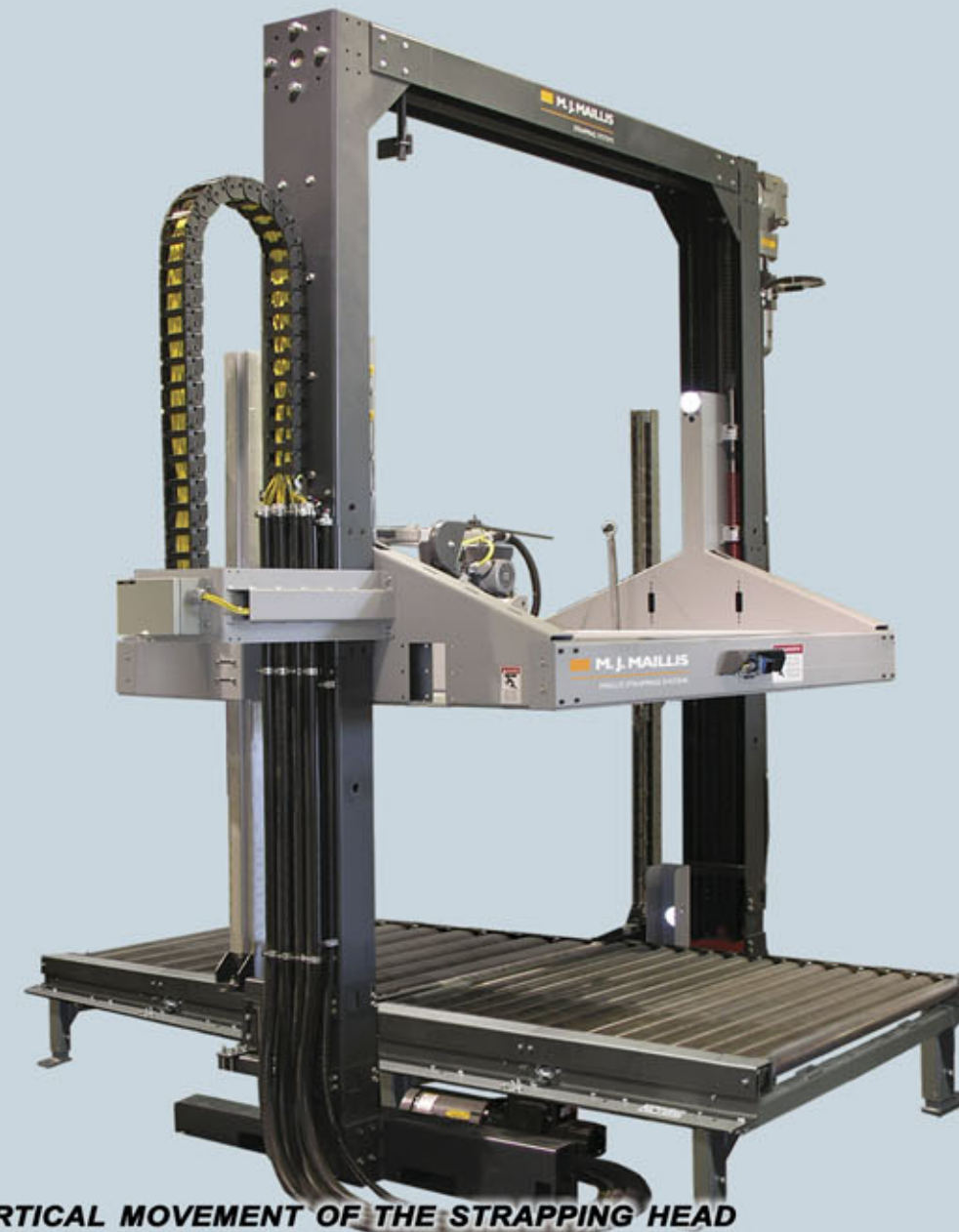
The Power Master features electrically powered compression platens for greater consistency and reliability, allowing for up to 13,200 pounds of compression using an oversized dual rack and pinion equalizer system. A reference point is identified once the desired compression is reached so that subsequent compression strokes reach the exact same position, resulting in even tension on all straps and a level load.

TECHNICAL SPECIFICATIONS

Power Master

Production Rate:	126 LPH (with 2 + 0 strapping pattern)
Machine Size:	109"W x 88"L x 148"H
Machine Weight:	9000 lbs (excluding optional conveyors)
Load Size Min:	24"L x 24"W x 12"H (min. strap height: 12")
Max:	110"L x 52"W x 80"H
Electrical Requirements:	480 V/3/60 30A
Pneumatic Requirements*:	3 CFM @ 80 psi
Controls:	Allen Bradley SLC 5/30 PanelView Plus 600
Strapping Head:	GS-41
Strap Arch Size:	55"W x 55"H
Strap Type:	PET/PP
Strap Width:	3/8", 7/16", 1/2" or 5/8"
Strap Thickness:	0.015" to 0.040" for PET strap 0.025" to 0.040" for PP strap
Seal:	Friction
Strap Tension:	4,000N / 900 lbs/ft max

* Dependant of machine configuration



VERTICAL MOVEMENT OF THE STRAPPING HEAD

The vertical movement of the lift frame containing the strapping head is achieved through an electric motor/reducer and 2 double #60 chains, assuring accurate and consistent lift frame motion.

Optional compression up to 2,200 lbs is available, strapping head is then contained in a platen which is mounted in a "floating" position supported by coil springs allowing minimum compression down to 150 lbs.

Vario Master 9471

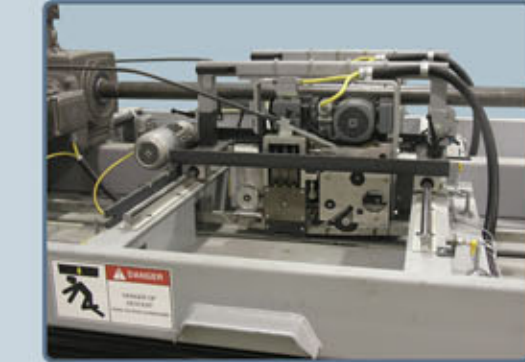
Production Rate:	126 LPH (with 2 + 0 strapping pattern)
Machine Size:	58"W x 192"L x 159"H
Machine Weight:	5000 lbs (excluding optional conveyors)
Load Size Min:	24"L x 24"W x 12"H (min. strap height: 12")
Max:	110"L x 52"W x 80"H
Electrical Requirements:	480 V/3/60 30A
Pneumatic Requirements*:	3 CFM @ 80 psi
Controls:	Allen Bradley MicroLogix 1200 PLC PanelView Plus 600
Strapping Head:	GS-41N
Strap Arch Size:	Width: 60" or 72" Height: 60", 80", 92", 104" or 116"
Strap Type:	PET/PP
Strap Width:	3/8", 7/16", 1/2" or 5/8"
Strap Thickness:	0.015" to 0.040" for PET strap 0.025" to 0.040" for PP strap
Seal:	Friction
Strap Tension:	4,000N / 900 lbs/ft max

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VARIO MASTER 9471

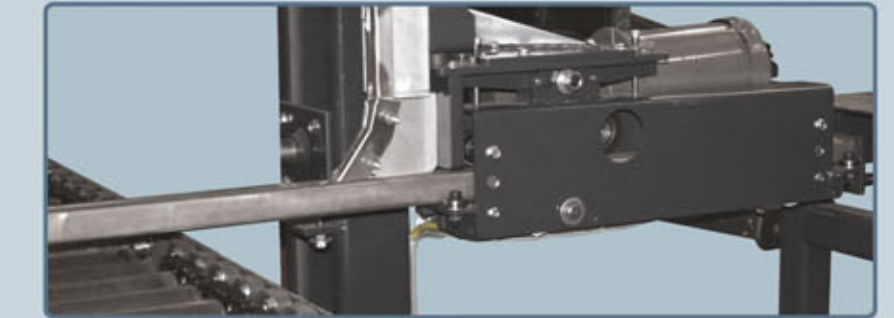
Automatic high performance strapping machine for full pallet loads, individual boxes or long tubing. For integration in powered conveyor lines. The strapping head is positioned horizontally above the load and, as part of the strapping cycle, will be lowered towards the load to be strapped. The bottom section of the strapping arch can be a standard undertrack style or an electric motor driven pallet bayonet for "through-pallet" strapping or a combination of both.

MOVABLE HEAD



One head can be used for two different strap tracks - both tracks get strap through on same platen cycle. Head motion is guided through linear bearings with electrically driven motion with direct rack/pinion drive or pneumatically for smooth and reliable operation. Head position detection through accurate proximity sensors. Complete head is mounted on hinge for easy access, cleaning and troubleshooting.

PALLET BAYONET



Optional electrically driven pallet bayonet (void feeder) allowing through pallet strapping. Friction wheel driven and guided by wide span sealed bearings.

SYSTEM DESCRIPTION

- GS-41 strapping head top mounted in arch
- Available with one to four strap tracks with two movable heads (each head covers two tracks)
- Solid steel frame structure with optional 1 ton compression capability
- With pallet bayonet and/or undertrack, bottom arch system
- Strap seal through vibration welding providing high quality and consistent strap joints
- Strap dispenser with pulley block, strap return storage with electric brake

