



# **Atlanta Attachment Company**

Innovative Technology for the  
Sewn Products Industry Worldwide





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Welcome to  
**Atlanta Attachment Company**

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# Equipment Indexed by **Category**



<b>Category</b>	<b>Page</b>
Corporate .....	iv - xi
Binding .....	0 - 3
Border - Foundation .....	4 - 11
Border - Mattress .....	12 - 25
Embroidery .....	26 - 27
Flanging .....	28 - 35
Handle Making .....	36 - 37
Label .....	38 - 41
Packaging .....	42 - 43
Panel Cutting / Border Slitting .....	44 - 45
Quilting .....	46 - 49
Repair .....	50 - 51
Ruffler .....	52 - 67
Serger .....	68 - 73
Springs .....	74 - 81
Table .....	82 - 83
Tape Edge .....	84 - 93
Tufting .....	94 - 95
Zipper .....	96 - 101
Attachments & Folders .....	102 - 103
Climate Control: Cool-Space .....	104
Material Handling: ZRack, Mattress Trucks .....	105
Plant Information & Control System: Satellite Plus .....	106
Serial Bus Control System .....	107
Parts .....	108



# Equipment Index by **Model Number**

<b>Model</b>	<b>Description</b>	<b>Page</b>
1303	Automatic Pocket Spring Production Line	74
1304	Wire Straightening Machine	76
1305	Pneumatic Border Bending Machine	76
1309	Spring Unbaler	77
1312	Automatic Decorative Border Workstation	12
1313 & 1313M	Automatic Pocket Spring Machine	78
1314 & 1314M	Automatic Pocket Spring Assembler	80
1315	Automatic Tape Edge Workstation	84
1316	Spring Unit Roll-Pac Machine	81
1317	Walking Foot Heavy-Duty Flanger	28
1319	Mattress Tufting Machine	94
1329	Semi-Automatic Attach Zipper to Panel & Border	96
1330	Auto Border Zipper Workstation	98
1330A	Zipper Set-Up - Panels	100
1330B	Zipper Set-Up - Borders	101
1331B	Automatic Ergonomic Foundation Cover Stretch and Stapler	4
1331F	Auto Felt Stapler	6
1333	Semi-Automatic Border Closer	14
1334	Automatic Pre-Flanging Gusset Workstation	30
1335 (ad)	One Roll, One Machine, Multiple Style	52
1335 (info)	Material Guides & Sewing Heads	53
1335 (illustration)	One Piece Border, Seams Meet all Known Flammability Requirements	62
1335A	Automatic Pillow-top Gusset Ruffler Workstation w/Automatic Flanging Module	60
1335E	Automatic Pillow-top Gusset Ruffler Workstation	54
1335M	Pillow-top Gusset Ruffler Workstation	56
1335M-34	Pillow-top Gusset Ruffler Workstation with Automatic Pre-Flanging	58
1335MB	Automatic Ruffler with Serial Bus Control System	66
1337	Semi-Automatic Flanger	32
1338	Capper / Flanger Workstation	34
1337022	Air Table Extensions	82
1339	High Speed Capper, Panel Binder and Flanging Workstation	0
1339E	Ergo High Speed Capper, Panel Binder and Flanging Workstation	1
1342 & 1342A	Long Arm Repair 30" & 40" - Quilting Repair Machine with Hopping Foot for Omni-Directional Sewing	50
1342ZT	Zig-Zag or Straight Stitching Reversible Top Belts with Aggressive Feed Dog	38
1344WF	Panel Binder and Foundation Capper	2
1345-2	Tape Edge Workstation, Button Unlock, Electronic Drive 22" Beds	86
1345-3	Tape Edge Workstation, Power-Glide, Dual Servo Drive Motors, 22" Beds	88
1345-4	Tape Edge Workstation, Power-Glide, Dual Servo Drive Motors, 4" to 30" Beds	90
1345-5	Tape Edge Workstation, Dual Servo Drive Motors, 22" Beds	88
1345-6	Tape Edge Workstation, Dual Servo Drive Motors, 4" to 30" Beds	90
1346	Build-up Table, Rotary or Stationary	83
1347D	French Pillow-top Border Workstation	16
1347M	Auto Single Faux Tape Edge with or without Binding	18
1349	Automatic One-Piece Border Workstation with Faux Tape-Edge Seams	64
1351	Semi-Automatic Safety Stitch Border, Miter & Close Workstation	66
1390A	Auto-Pac	42
1392	Silver Eagle IV, Digital-Controlled Quilting Machine	46
1392A	Golden Eagle IV, 360° Digital-Controlled Quilting Machine	48
1392C	12 Roll Vertical Carousel	46
1393	Combination Panel Cutting/Border Slitter	44
1959	Automatic Handle Making Workstation for Borders	36
1959K2	Programmable Cutter with Straight and Miter Cut Options	37
1959K3	Programmable Cutter, Measures, Cuts, Counts, Folds, Tucks Corners and Tacks	37
1961	Dual Purpose Workstation for Borders and Pillow-Top Gussets	68
1961-34	Double Serging and Pre-Flanging, Borders and Gussets	70
1962	Dual Purpose Workstation for Borders & Gussets, Over/Under Design	72
300UX5	Single Needle, Two-Thread Chainstitch Machine	92
3200	Automatic Continental or Plain Foundation and Mattress Border Workstation with Dual Overlock Module	8
3200P	Automatic Border Workstation for Mattress & Foundations	20
3206	Control Label Inserter	40
3261	Automatic Continental or Plain Foundation and Mattress Border Workstation w/Model 1961 Dual Overlock Module	10
3261P	Automatic Plain Foundation and Mattress Border Workstation with Dual Overlock Module	22
3300	Automatic Handle Tacker, Border Measure and Close Workstation	24
3307	Law Label Inserter, Manual Feed	41
3307AH	Law Label Inserter, Hopper Feed	41
E1201	Automated Border Embroidery System	26
Attachments & Folders	Folders - Tape Edge, Gusset, Handle Making	102
Climate Control	CoolSpace	104
Material Handling	Mattress Trucks	105
	ZRack	105
Parts	Atlanta Parts Depot	108
Satellite Plus	Satellite Plus - Plant Information and Control System	106
Serial Bus	Serial Bus Control System for Automated Workstations	107

# Expendable Replacement Parts Guarantee



## 72 Hours or **FREE!**\*

As the leading supplier of automated sewing workstations, Atlanta Attachment Company pledges unequalled service and support to our valued customers. We pledge to maintain inventories of the recommended spare parts for our automated workstations\* and to ship those replacement parts within 72 hours. If the expendable replacement parts are not shipped within 72 hours they will be

**Free of Charge!**

## Statement of Corporate Vision

- We will be primarily a manufacturer and provider of products and services to our customers which are of high quality and provide overall value for their investment.
- We will be noted for the delivery of these products and services on a timely basis.
- We will make use of advanced technology where practical and economical.
- The highest standards for material selection appropriate to the product / service will be maintained.
- We will strive to provide a work environment of integrity, respect and dignity for employees and all who come in contact with our business.
- Employees will be recruited and maintained who are creative, technically competent and productivity oriented.
- Management systems and processes will be developed and maintained which emphasize team work, a high level of quality assurance and flexibility.
- We will be a profitable company and distribute this wealth in fair and equitable ways after sufficient reinvestment for necessary long-term company growth.
- We will be responsible to the environment and to the communities within which we do business.
- We will diversify into various markets and product lines in order to leverage our expertise, balance our work demands, provide new opportunities for growth and hedge against downturns in any one industry.

\* Contact sales for the recommended spare parts list and the model workstations covered.



# Chairman



We owe our success and the growth of Atlanta Attachment Company to you, our customers, our many friends in the supply industry, and our valued and loyal employees.

With this thought in mind, we rededicate ourselves to continuing the development and manufacture of the highest quality automated workstations, folders, attachments and labor saving devices available to the sewn products industry.

We are committed to maintaining and improving our policy of **Sudden Service™**, so our customers may also prosper in this competitive global market.

Our Policy of shipping all recommended spare parts within 72 hours, or they are free reinforces this commitment. We invite you to look over the enclosed literature and contact us for additional information.

Elvin Price  
Chairman

A handwritten signature in cursive script that reads "Elvin C. Price".

---

# President



In the past few years, we at Atlanta Attachment have seen tremendous growth in the sewn products industry. We owe this growth to you, our customers, and we appreciate the trust and support you have placed in our company. You have asked for a choice, and we worked hard to bring you the competitive advantage you deserve. We will continue our aggressive approach to develop new ideas and market opportunities, thus enabling you, our customer, to maintain a competitive advantage in today's global market.

Our dedicated sales team remains committed to serving your needs, both now and in the future, and we will maintain our commitment of **Sudden Service™** in the sewn products industry. Please feel free to contact either me or anyone on our staff with any questions you may have concerning Atlanta Attachment Company or its products.

Hank Little  
President

A handwritten signature in cursive script that reads "Hank Little".



# New "Green Building" Facility

Scheduled Completion: November 2006

**Expansions and new buildings for Gwinnett businesses are erected often. Yet what Atlanta Attachment Company of Lawrenceville is planning could be the direction of future buildings: adopting an environmentally sensitive or "green" approach in designing its new 165,000 square foot plant and office.**

The firm will consolidate what has been in three nearby buildings into one. Yet what excites both local officials and company employees is the approach Atlanta Attachment Company is taking.

It all started when Founder and Chairman Elvin Price started pondering future energy prices. "Before the last round of price increases following Hurricane Katrina, I had thought that energy was not going to get cheaper, and that when we expanded, we needed a plan to conserve energy. And at the same time, I wanted to make sure our company was as environmentally friendly as we could be. I realized that the up front cost could be more, but felt it would pay off in the long run. Even if the cost was break-even, I wanted to be as protective of the environment as we could be."

Would putting up a "green" building cost more? The environmentally sound design is not just a good idea with Price. He anticipates that he can save dollars and energy in his new facility. But he didn't approach the savings that way.

"We haven't calculated the total savings yet. However, we have some estimates. We will save \$1,000 a month by catching rain water from our roof and utilizing it for gray water. We'll save \$5,000 a month on electricity as we cut out lots of lighting, use natural light and reduce air conditioning. That's easy to calculate. The way we throw off heat from our equipment means we will capture that to partially heat our main work floor. And with a new radiant heat system, we will save one-third on natural gas as well. With natural gas costs rising, we feel we can save a minimum of 40 per cent on natural gas, which could be a big number for us."

Price credits working with an architectural firm who was familiar with environmental aspects as being a big part of his savings. The firm, Lindsay Ponder Brayfield and Associates of Lawrenceville, had started out 20 years ago designing a local "solar powered" house, and was familiar with "green" products, such as high R-factor wall panels.

Architect Michael Clifford jumped in and designed a building to complement Price's ideas. They both say





# for Atlanta Attachment Company

the same thing about the other: "It's fun to work with him." They have collaborated on the design and hit it off from the beginning.

A major savings comes from having all of Atlanta Attachment's operations under one roof. Price explains: "Even though our three buildings are only a block apart, by consolidating into one building will be a major savings. Consider that a truck now runs between buildings every two hours. You have to load equipment and materials from one building, off-load it, enter it in and take it out of inventory, close out that work order....there's just a lot of extra work in moving items between buildings. We eliminate all that, and that's big savings. Having everything under one roof, we look to get 10 per cent manpower saving, equating to approximately \$500,000, including benefits. AAC anticipates total savings of \$750,000 annually."

Atlanta Attachment also anticipates better communications between employees. Previously design engineers have been in one location, with the machinist or workman assembling at the workstation in another location. "The engineer who drew the blueprint, in a lot of cases, might put in tolerances that were too tight. If they worked in the same building with the workman, they could cross an aisle, talk to one another, and we could get a lot of

efficiencies that are difficult to calculate."

Additional savings are seen in the firm being able to eliminate T-1 transmission lines between buildings. The new specifications call for the new Atlanta Attachment plant to be "wireless" throughout, except for research and development, which needs hard wires for their highly sophisticated document transfer.

Construction of the new facility for Atlanta Attachment is expected to begin in November, 2005, with completion anticipated in 12 months. The work is being done by a company which has worked with the firm on other projects, Metal Building Construction Company out of Buford, Ga. Peter Thigpen is president of the firm.

Atlanta Attachment Company has been in business since 1969. It moved to its Lawrenceville site near the Gwinnett County Airport in 1978, and has expanded many times. The firm now employs 160 workers and has sales in 38 different countries, with a majority of its sales in Canada, Mexico and the United States, though it has a significant presence in Europe and South America.

By: Elliott Brack, publisher, (The Brack Group (Ga.) Inc.)



# Facilities

## Atlanta Attachment Co.

is the recognized sewn products industry leader in automated workstations, labor saving devices, folders and ergonomic risk reduction. The Company, founded in 1969, has made its policy of **SUDDEN SERVICE™** a way of life in all aspects of operation. Our entire staff is dedicated to providing three day shipments of most custom folders and attachments. Special gauge sets and other work aids are available in 10 working days or less.

## Corporate Headquarters

Administration, Sales, Service,  
Showroom, R&D, Assembly, Advertising



## Manufacturing

Parts fabrication, finishing  
Folders & Attachments Division



## Aviation

Hangar which houses two Sudden Service airplanes and a meeting facility.



## Showroom

Our showroom is open 52 weeks each year and is available for demonstration and the making of sample bedding and proof of concept design.





# Facilities



## Engineering

Atlanta Attachment Company maintains a computerized database of all the parts, assemblies and complete workstations we produce. This assures our customers access to a parts and instruction book even on one-of-a-kind custom orders. This gives us the confidence to offer our 72-hour parts replacement guarantee.



## Laser

Atlanta Attachment Company utilizes two different types of laser cutting machines. One machine is a high speed CO2 laser for cutting lighter weight sheet metal. This machine has a sheet loader and produces parts and panels very quickly and economically. Laser cutting gives us the ability to offer complex contours and shapes at a low cost. The second laser is a slower machine with the ability to cut up to 1/2" steel plate. It is also extremely accurate, holding a tolerance of .0002.



## CNC Milling

Our CNC milling centers are programmed off-line by a master programmer. This ensures that all parts will be made to the same exacting standards each time, even if produced by a different person and machining center. Each of our operators is taught in-house standardized procedures after completing their formal training.



## Semi-Automatic Mill

This machinery is operated by our highly skilled machinists. These machines have full CNC capabilities and digital read-outs. This equipment is utilized to produce very limited quantities of complex parts such as special needle gauge sets.



## Welding

Our welders utilize the more productive Mig style machines. This welder uses a wire feed system that introduces the wire into an atmosphere of argon gases. This gas replaces the oxygen in the weld area, and since we have no oxygen, there is no oxidation, and a weld is produced free of any contaminants. This gives us an extremely strong weld.



## Paint

Our conveyorized system allows for the painting process to be of the highest quality. We only use paints that are free of V.O.C.'s. The use of this type paint means we do not vent any harmful solvents into the atmosphere.



## Electronic Assembly

Our engineering department designs the electronics and our skilled personnel install every component. This is the only way we can ensure the quality control you demand. After the boards are complete, we expose them to a hostile environment. We heat them, cool them, shake them and try to get them to fail. Only after the boards have passed all of our tests do we install them into a workstation. Then they are tested again during the shakedown phase. After this cycle, we thread the machine and start the final test. This is one reason why our workstations are so reliable.



## Folders

Our highly skilled folder makers produce hand-made custom folders, hemmers and attachments. These craftsmen are able to manufacture a folder to exacting requirements, and hold critical dimensions. This ensures that the garment you manufacture will be of the highest quality.



## Automated Systems Assembly

When our parts are made and the sub-assemblies are complete, we begin the process of assembling the purchased item and our in-house manufactured item into a complete automated workstation. After the assembly is complete, a computer program is inserted, and the machine is cycled for 48 continuous hours in an effort to identify any parts which might fail. After this shakedown, we thread up the machine and start sewing our customer's material to make sure it will satisfy even the most critical purchaser.

# Sales & Customer Support

Atlanta Attachment Company is known in the sewing industry as the leader for standard and custom automated workstations, labor saving devices, folders and ergonomic risk reduction. We are proud of our reputation for "Innovation" and "Sudden Service". We will continue our aggressive approach to develop new ideas and market opportunities, thus enabling our customers to maintain a competitive edge in today's global market. One such idea is Atlanta Parts Depot... Your "One Stop Source for Expendable Replacement Parts" not only for Atlanta Attachment Company but for other equipment suppliers as well. Please visit our website at [www.atlatt.com](http://www.atlatt.com) and experience the difference only Atlanta Attachment Company can provide.

We have a very dedicated Sales and Customer Support team with many years of experience in the sewn products industry. We are dedicated to you, the customer, and will remain committed to serving your needs both now and in the future. Please feel free to contact our staff with any questions you may have.

## Sales



**Bob Paust**  
VP Sales Automatic Systems  
Area Manager, West U.S.



**John Price**  
VP Folder Sales



**John Sims**  
Apparel Division  
Manager



**John L. Couch**  
Automotive Division  
Manager



**Steve LaMarsh**  
Area Sales Manager  
East U.S.



**Randy Clark**  
Area Sales Manager  
Mid-West U.S.



**Eugenio Fonts**  
International Sales



**Chris Manning**  
Technical Sales



**Pat Feagan**  
Domestic Sales  
Parts & Auto Workstations



**Edmundo Campbell**  
International Sales  
Parts & Auto Workstations



**Eric Iverson**  
Product Manager  
Atlanta Parts Depot



**Larkin Bramblett**  
Atlanta Parts Depot

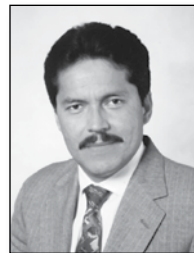
## Customer Support



**William Richey**  
VP Customer Service



**Jeff Moore**  
Service



**Frank Campos**  
Service



**Sam Goodwin**  
Service



**Michael Sewing**  
Service



**John Eggerding**  
Service



**Jim Loewen**  
Service



**Glen Gibbs**  
Service



**Fernando Negrete**  
Service  
AAC De Mexico



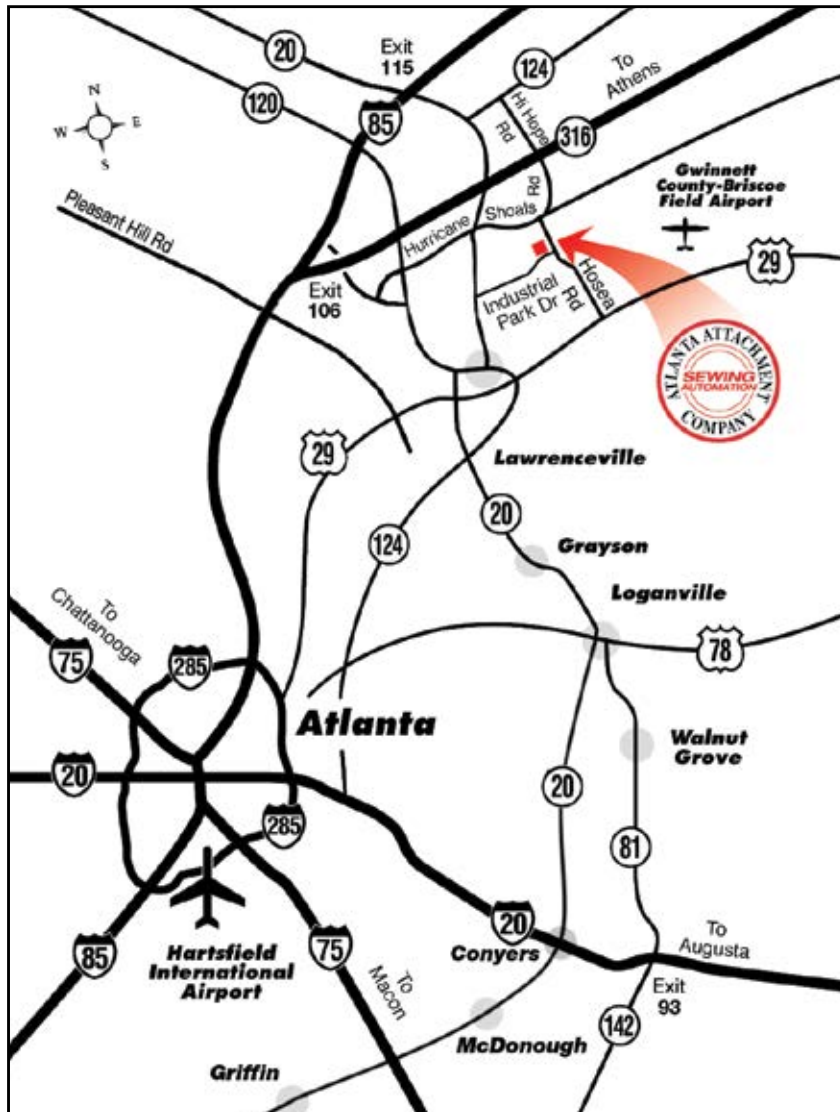
**Steve Damon**  
Service



**Jurgen Van Osch**  
Service



# Location & Directions



## Traveling West on I-20

Take Exit 115, Hwy. 142 North. Hwy. 142 will dead end into Hwy. 81 North. Turn right on Hwy. 81 North. Go to Hwy. 78 and turn left. Go to the next traffic light on Hwy. 78 and turn right on Hwy. 20 North. Follow Hwy. 20 into Lawrenceville. Turn right on Hwy. 124. Hwy. 124 will dead end on Hwy. 29. Turn right on Hwy. 29 and go approximately 1 mile and turn left on Hosea Road. Atlanta Attachment will be on the left at the corner of Hosea and Industrial Park Drive.

## From Atlanta Hartsfield Airport Traveling North on I-85

Take I-85 North; go approximately 40 miles and turn right on Exit 106, Hwy. 316. Go to second traffic light on 316 and turn right on Hwy. 20. Go to first traffic light and turn left on Hurricane Shoals Road. Go to first traffic light and turn right on Hosea Road. Atlanta Attachment is located on the right at the corner of Hosea Road and Industrial Park Drive.

## Traveling South on I-85

Take Exit 115, Hwy. 20 South. Pass through intersection at Hwy. 316, go one traffic light to Hurricane Shoals Road. Turn left and go to first traffic light, Hosea Road. Turn right on Hosea Road and Atlanta Attachment is located on the right at the corner of Hosea Road and Industrial Park Drive.

## Traveling South on I-75

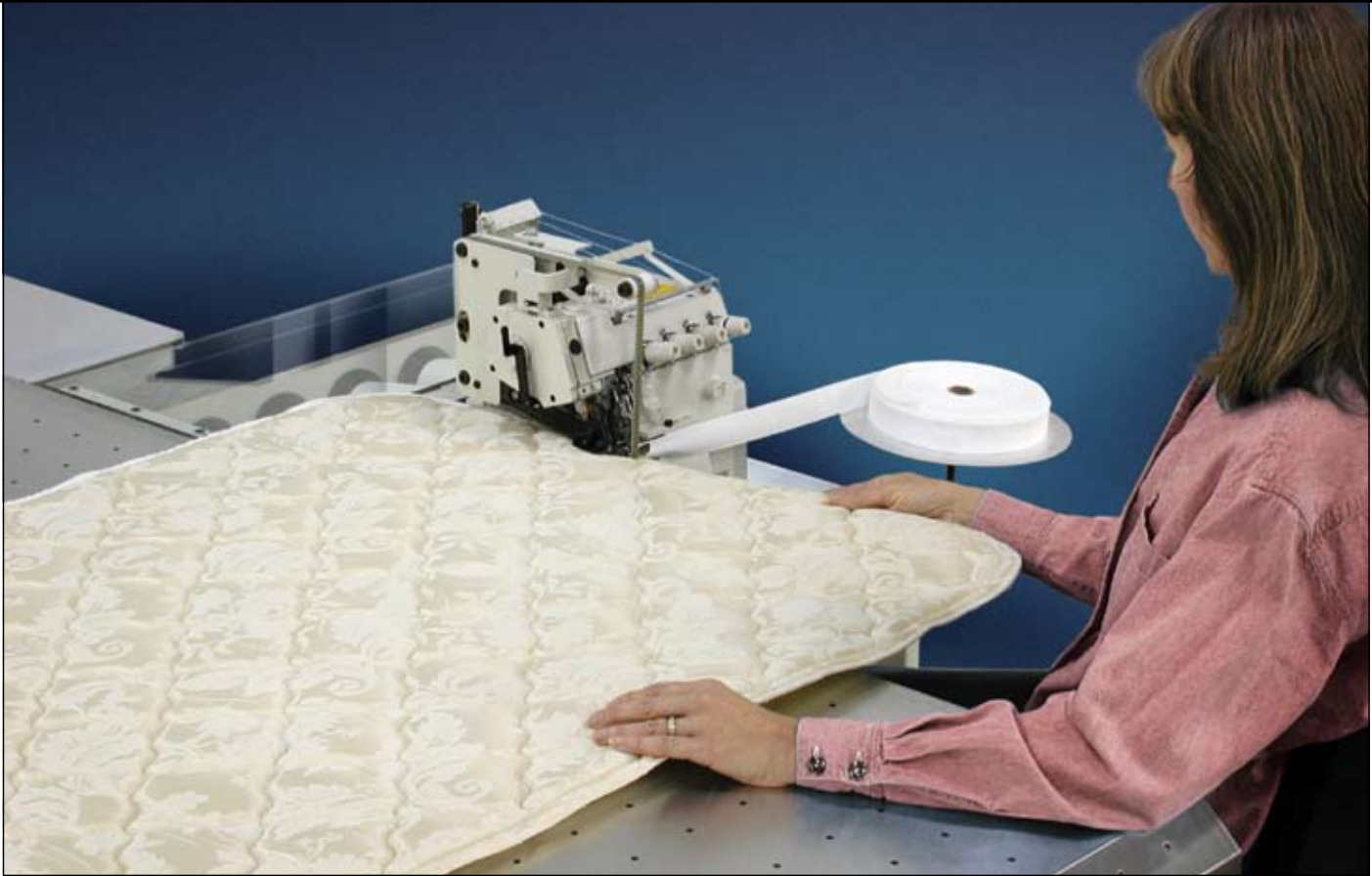
Take I-285 East to I-85. Go North to Exit 106, Hwy. 316. Go to second traffic light on 316 and turn right on Hwy. 20. Go to first traffic light and turn left on Hurricane Shoals Road. Go to first traffic light and turn right on Hosea Road. Atlanta Attachment is located on the right at the corner of Hosea Road and Industrial Park Drive.

## Traveling North on I-75

Follow directions from Atlanta Hartsfield Airport.

## Traveling East on I-20

Take I-85 North in Atlanta. Turn right on Exit 106, Hwy. 316. Go to second traffic light on 316 and turn right on Hwy. 20. Go to first traffic light and turn left on Hurricane Shoals Road. Go to first traffic light and turn right on Hosea Road. Atlanta Attachment is located on the right at the corner of Hosea Road and Industrial Park Drive.

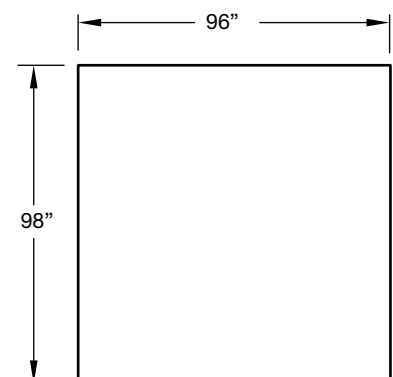


## High Speed Capper and Panel Binder

### Mattress & Foundation

**4800 RPM**

- Belt feed with differential top feed dog optional
- Aggressive lower differential feeding system
- Variable top feed with belt ensures quality tailoring of panel
- High speed two thread chainstitch
- Superb cornering
- Binder may be retracted for capping operations
- Electronic motor
- Solid state speed control
- Programmable maximum speed
- Needle positioning and auto footlift (no synchronizer)



# Model 1339E



## High Speed Capper and Panel Binder For Mattress & Foundation with Ergo table and Stand **4800 RPM**

- Aggressive differential top feed dog
- Aggressive lower differential feeding system
- High speed two thread chainstitch
- Superb cornering
- Binder may be retracted for capping operations
- Electronic motor
- Solid state speed control
- Programmable maximum speed
- Needle positioning and auto footlift (no synchronizer)
- Pre-feed/Tensioning device ensures accurate panel and border size
- Roll feeding of border increases production
- Ergo foot petal for stand-up operation
- Ergo stand adjust for sitting or standing, electronically

Footprint: 72" x 96"

Patent Pending



Website: [www.atlatt.com](http://www.atlatt.com) email: [sales@atlatt.com](mailto:sales@atlatt.com)

This equipment is protected by one or more of the following patents:  
US patents: 4,280,421; 4,432,294; 4,466,367; 4,644,883; 5,134,947; 5,159,889; 5,203,270; 5,522,332; 5,524,563; 5,562,060;  
5,634,418; 5,647,293; 5,657,711; 5,743,202; 5,865,135; 5,899,159; 5,915,319; 5,918,560; 5,979,345; 6,035,794; 6,055,921;  
6,202,579; 6,279,869; 6,295,481; 6,494,255; 6,802,271; 6,574,815 B2; 6,834,603 B1; 6,968,794 B1  
Foreign patents: 9-520,472; 0,537,323; 92,905,522.6; 96,936,922.2; 2,076,379; 2,084,055.  
Other U.S. and Foreign Patents Pending. Copyright 2006 Atlanta Attachment Co.

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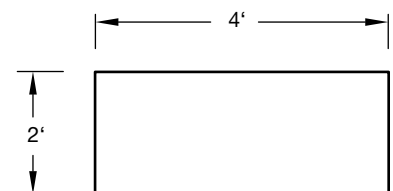
The **Sudden Service™** Company

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401 Industrial Park Drive  
Lawrenceville, GA 30045  
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# Binding



## Panel Binder and Foundation Capper with Walking Foot

### 4000 RPM

- AAC's high speed, needle feed panel binder produces a panel with no unsightly puckers or gathers.
- Heavy-duty sewing head
- Electronic motor with needle positioner & footlift
- Solid state electronic speed control
- No mechanical clutch
- Pneumatic floatation table (optional)
- Pillow-tops may be tape edged on this low cost workstation, doubling the output of the conventional tape edge machine



Website: [www.atlatt.com](http://www.atlatt.com) email: [sales@atlatt.com](mailto:sales@atlatt.com)

This equipment is protected by one or more of the following patents:  
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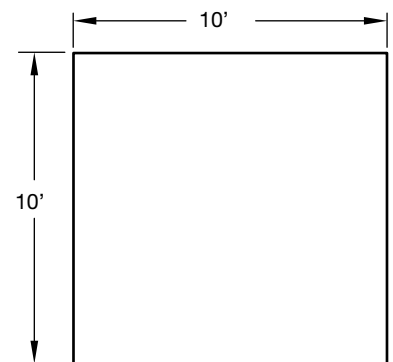
The **Sudden Service™** Company

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# Border - Foundation



Patent Pending

## Automatic Ergonomic Foundation Cover Stretch and Stapler

The operator places the foundation into the corner position and initiates the cycle. The rollers contact the fabric, tighten cover and stapling occurs.

Auto workstation accommodates all known size foundations without adjustment. Staple guns do not activate unless they contact foundation.

Eliminates the ergonomic, carpal tunnel problems associated with this operation.



Website: [www.atlatt.com](http://www.atlatt.com) email: [sales@atlatt.com](mailto:sales@atlatt.com)

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6,202,579; 6,279,869; 6,295,481; 6,494,255; 6,802,271; 6,574,815 B2; 6,834,603 B1; 6,968,794 B1  
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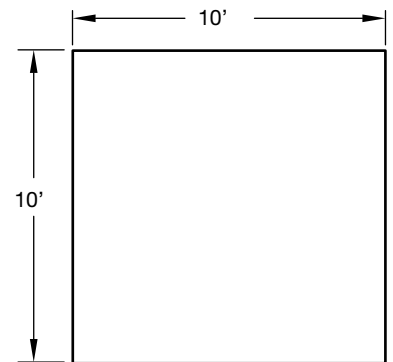
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# Border - Foundation



Patent Pending

## Auto Felt Stapler

Operator places material on spring unit, then places the spring unit into the corner position where the electronic sensors initiate the automatic cycle. Automatically the table rises, the felt is folded and stapled to the spring unit.

- Accommodates all size spring units without adjustment
- Staple guns do not activate unless they contact spring unit & felt
- Eliminates the ergonomic, carpal tunnel problems associated with this operation



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6,202,579; 6,279,869; 6,295,481; 6,494,255; 6,802,271; 6,574,815 B2; 6,834,603 B1; 6,968,794 B1  
Foreign patents: 9-520,472; 0,537,323; 92,905,522.6; 96,936,922.2; 2,076,379; 2,084,055.  
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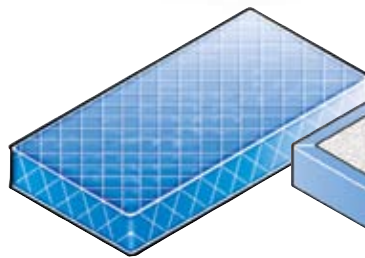
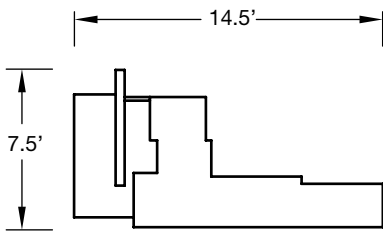
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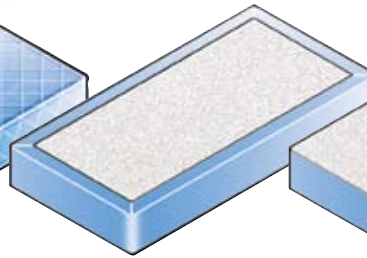




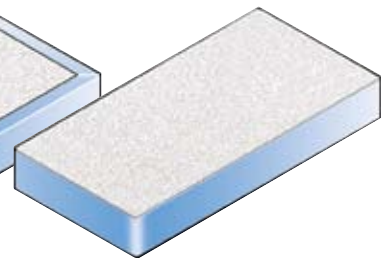
# Border - Foundation



**Mattress with  
Plain Border**



**Continental  
Border**



**Foundation with  
Plain Border**

Patent Pending

## Automatic Border Workstation

- Continental Style Foundation Borders with Miter
- Plain Foundation Borders
- Mattress Borders

**Automatically Measures, Sews Miter,  
Labels and Closes Border**

**55/65 Mitered Continental Foundation Borders per hr.  
100-120 Plain Foundation or Mattress Borders per hr.**

### ADVANTAGES

- Capacity up to 18" widths
- Safety stitch automatically cuts and sews miter angle
- Patented Serial Bus Control System
- Automatic border splice and defect detection
- Heavy-duty safety stitch sewing head with automatic chain cutter
- Lockstitch sewing head for closing with needle positioner with automatic thread undertrimmer & footlift
- Electronic thread break detectors
- Heavy-duty guillotine cutter with tempered blades
- Heavy-duty feeding module with urethane rollers
- Electronically stops when border material depleted
- Electronic servo drive motors
- Operator friendly, no tool required for routine adjustments and maintenance
- Preset counter for multiple borders

### OPTIONS

- Automatically marks border with unique color combination to indicate size - Model 3200MM
- Automatic marking module marks border for placement of handles and /or label - Model 3200PM
- Automatic Lockstitch Border Closing Module - Model 3200C

### OPERATION

Operator loads workstation with roll of foundation border, enters size and quantity needed. Workstation automatically measures correct length, calculates corner spacing, folds border, sews miters, labeling device applies identification numbers and/or text. Automatic marking module marks border for placement of handles and /or label. Lockstitch sewing head closes border, trims threads, dispenses completed border.



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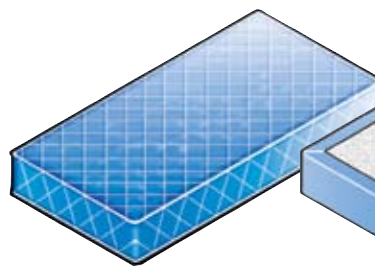
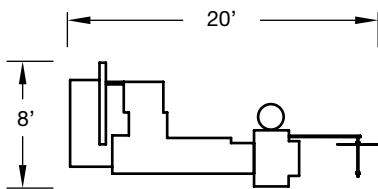
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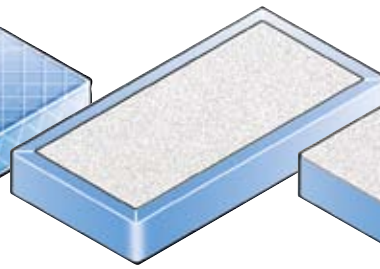




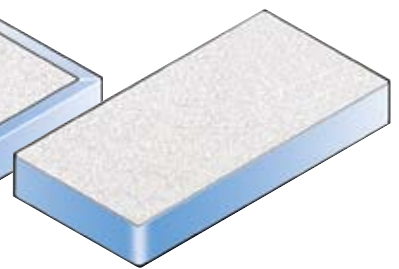
# Border - Foundation



**Mattress with  
Plain Border**



**Continental  
Border**



**Foundation with  
Plain Border**

Patent Pending

## Automatic Continental or Plain Foundation and Mattress Border Workstation with Dual Overlock Module

**Automatically Serges Both Edges of Border, Measures, Sews Miter, Labels and Closes Border**

**55/65 Mitered Continental Foundation Borders per hr.  
100-120 Plain Foundation or Mattress Borders per hr.**

### ADVANTAGES

- Dual overlock machines serge both edges of border, automatically
- Capacity up to 18" widths
- Safety stitch automatically cuts and sews miter angle
- Patented Serial Bus Control System
- Automatic border splice and defect detection
- Heavy-duty safety stitch sewing head with automatic chain cutter
- Lockstitch sewing head for closing with needle positioner, automatic thread undertrimmer & footlift
- Electronic thread break detectors
- Heavy-duty guillotine cutter with tempered blades
- Heavy-duty feeding module with urethane rollers
- Electronically stops when border material depleted
- Electronic servo drive motors
- Operator friendly, no tool required for routine adjustments and maintenance
- Preset counter for multiple borders

### OPTIONS

- Automatically marks border with unique color combination to indicate size - Model 3200MM
- Automatic marking module marks border for placement of handles and /or label - Model 3200PM

### OPERATION

Operator loads workstation with roll of foundation or mattress border, enters size and quantity needed. Workstation automatically serges both edges of border, measures correct length, calculates corner spacing, folds border, sews miters, labeling device applies identification numbers and/or text. Automatic marking module marks border for placement of handles and /or label. Lockstitch sewing head closes border, trims threads, dispenses completed border.



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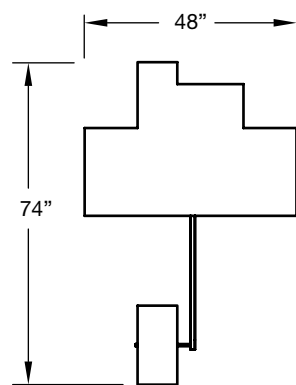
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# Border - Mattress



Standard



With tape edge option

## Automatic Decorative Border Workstation

- Faux seams may be tape edged
- Contrasting tape may be imprinted with manufacturer's or customer's logo
- High speed, low cost 40' per minute
- Synchronized puller produces pucker-free seam
- Border width adjustable
- Decorative trim width adjustable
- Auto stop for material depletion
- Auto thread break detectors (optional)



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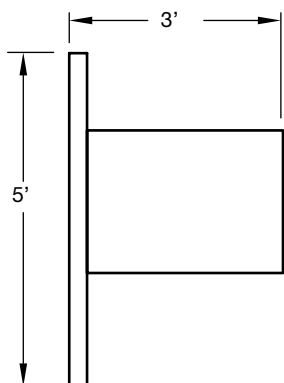
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# Border - Mattress



Top belt feed swings out for threading and other maintenance



Patent Pending



## Semi-Automatic Border Closer

**This stand-alone workstation may be moved to any department as needed.**

- Heavy-duty lockstitch sewing head
- Lockstitch ensures no stitch ravel at tape edge operation
- Tractor style top feed swings up for easy threading and maintenance
- Closes all borders up to 18" wide without adjustment
- Auto needle positioning, footlift and thread trimmer

### OPERATION

Operator loads border into clamp and activates auto cycle. Border is transferred to sewing head, machine backtacks beginning, end of border and closes border with a lockstitch which will not ravel.

### OPTIONS

- Law label insert module - 3307R
- ID labeling module - 3206
- Automatically marks border with unique color combination to indicate size - Model 3200MM



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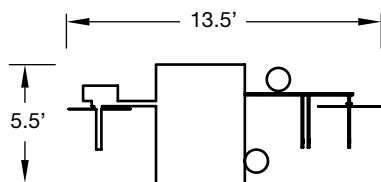
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# Border - Mattress



Available with a triple roll holder.

Patent Pending

## French Pillow-top Border Workstation

Create a pillow-top look for your competitively priced bedding

- Modern design high speed heads
- High pressure oiling system
- Adjustable border width
- Low cost - high production
- Electronic motor with needle positioner
- Automatic controls allow the machine to operate without the need for an operator
- Seam may be taped or a faux seam may be produced to simulate self taping



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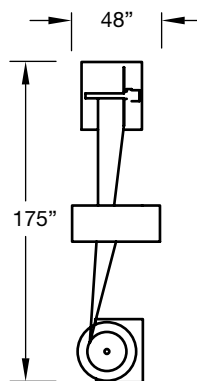
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# Border - Mattress



## Auto Single Faux Tape Edge with or without Binding

- High speed chainstitch sewing head
- Bind seam or self-tape look
- Faux seams pass flammability test
- Adjustable width borders
- Auto stop for material depletion
- Auto thread break detection (optional)
- Reversible winder
- Close coupled puller, synchronized to produce a pucker free seam
- Low cost high speed 40' per minute



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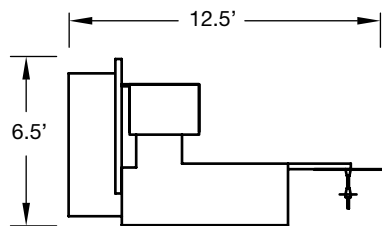
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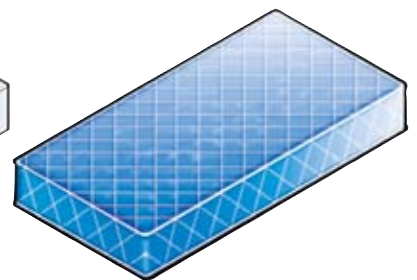
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# Border - Mattress



**Foundation with  
Plain Border**



**Mattress with  
Plain Border**



## Automatic Border Workstation Mattress & Foundations

**Automatically Measure, Mark, Cut, Insert Law Label  
and Close Border**

**Estimated production:  
100 borders per hr. depending on size**

- Standard capacity up to 15" widths, optional up to 18"
- State-of-the-art design and Serial Bus Control System with touch screen
- Automatic border splice and defect detection
- Lockstitch sewing head for closing with needle positioner
- Automatic thread undertrimmer and footlift
- Electronic thread break detectors
- Heavy-duty guillotine cutter with tempered blades
- Heavy-duty feeding module with long lasting urethane rollers
- Electronically stops when border material is depleted
- Electronic servo drive motors
- Operator friendly, no tools required for routine adjustments and maintenance
- Preset counter for multiple borders
- Serial Bus Control System - Guaranteed 3 years, unconditionally

### OPTIONS

- Automatic Lockstitch Border Closing Module, Model 3200PC
- Automatic marking for module - marks border for placement of handles, Model 3200PM
- Automatically inserts Law Label into border seam, Model 3307R
- Automatically marks border with unique color combination to indicate size - Model 3200MM
- ID labeling module - 3206
- Auto border closer module - 3200C

### OPERATION

Operator loads workstation with roll of border, enters size and quantity needed. Workstation automatically measures correct length, identification device applies bar code, style number, and/or text. Lockstitch sewing head closes border, trims threads, dispenses completed border.



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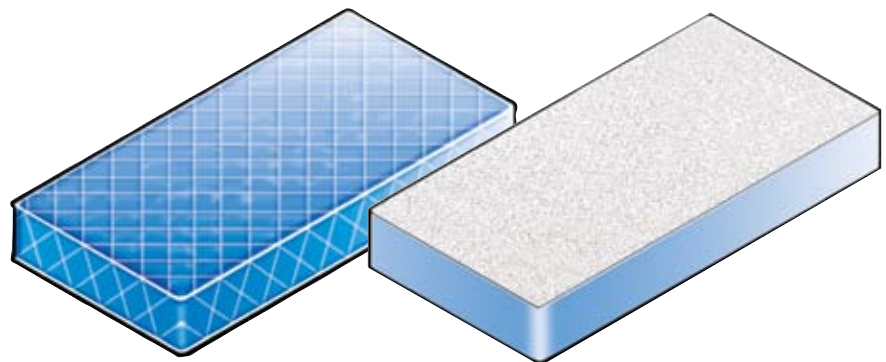
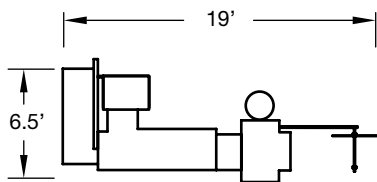
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# Border - Mattress



**Mattress with  
Plain Border**

**Foundation with  
Plain Border**

## Automatic Plain Foundation and Mattress Border Workstation with Dual Overlock Module

**Automatically Serges Both Edges of Border, Measures, Inserts Law Label and Closes Border  
100-120 Plain Foundation or Mattress Borders per hr.**

### ADVANTAGES

- Dual overlock machines serge both edges of border, automatically
- Standard capacity up to 15" widths, optional up to 18"
- Patented Serial Bus Control System
- Automatic border splice and defect detection
- Lockstitch sewing head for closing with needle positioner, automatic thread undertrimmer & footlift
- Electronic thread break detectors
- Heavy-duty guillotine cutter with tempered blades
- Heavy-duty feeding module with urethane rollers
- Electronically stops when border material depleted
- Electronic servo drive motors
- Operator friendly, no tool required for routine adjustments and maintenance
- Preset counter for multiple borders
- Serial Bus Control System - Guaranteed 3 years, unconditionally

### OPTIONS

- Automatic marking module marks border for placement of handles and /or label - Model 3200PM
- Automatically inserts Law Label into border seam - Model 3307R
- Automatically marks border with unique color combination to indicate size - Model 3200MM
- ID labeling module - Model 3206
- Auto border closer module - 3200C

### OPERATION

Operator loads workstation with roll of foundation or mattress border, enters size and quantity needed. Workstation automatically serges both edges of border, measures correct length. Automatic marking module can mark border for placement of handles and /or label. Lockstitch sewing head closes border, trims threads, dispenses completed border.



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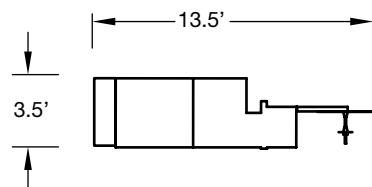
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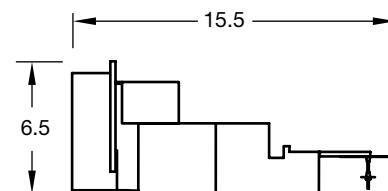




# Border - Mattress



**3300 RA**



**3300RAC (with closer)**

Patented

## Automatic Handle Tacker, Border Measure, Insert Law Label and Close Workstation

- Production: 32 queen size borders per hr. (with 4 handles @ 80% run time)
- Measures border, sets handles (4 or 8), measures, cuts and closes border
- Accommodates 8 rolls of handle for quick changeover
- Automatically detects and cuts out splices and defects
- Lockstitch closer with programmable backtack
- Feeds pre-made handles from roll
- Capacity, 15" border
- Stores up to 22 styles
- Programmable box "X" Tacker
- Serial Bus Control System with touch screen  
unconditionally guaranteed three years
- Self-diagnostic software
- Remote diagnostic capability

### OPTIONS

- Law label insert module - 3307R
- ID labeling module - 3206
- Color labeling module - 3200PM
- Automatically marks border with unique color combination to indicate size - 3200MM

### Modular Design

**Automatic Handle Tacker may be joined to any or all of the workstations below for a complete automated border system.**

- Model 1961 - Automatic Dual Overlock Border Workstation
- Model 1355 - Automatic Border Quilter



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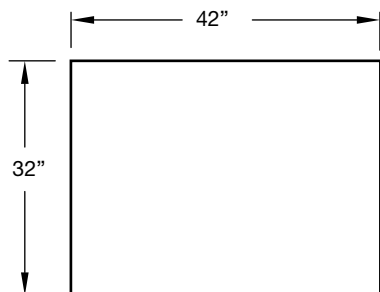
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# Embroidery



Also available: 2, 4, 6, 8 or 12 heads



## Automated Border Embroidery System

- Customized borders enhance brand recognition
- Borders may be personalized for each customer
- Raises price point, increasing profits as no outsourcing required
- Small quantities produced on demand
- Customer loyalty enhanced
- Multi-head design, high production, low cost
- Eliminates foreign mass produced bedding competition
- Scan any logo and digitize in-house
- AAC offers complete training and logo digitizing service

### Technical Specifications:

- 12 needles, 12 thread colors
- Built-in noise reduction technology
- 1,000 SPM maximum sewing speed
- Embroidery Fields:  
400mm x 450mm / 15.95 x 19.75"
- All steel bridge style construction
- 9 inch LCD color monitor
- On board lettering
- Solid steel rotary hook system
- Complete hoop assortment included
- On-screen ability to alter embroidery settings
- Built-in disk drive
- Direct connect to computer
- Built-in rotary type thread break sensors
- Automatic thread trimmers
- Automatic color changes
- Memory retention after shut down
- Removable table top for flat goods
- Complete tool kit included



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6,202,579; 6,279,869; 6,295,481; 6,494,255; 6,802,271; 6,574,815 B2; 6,834,603 B1; 6,968,794 B1  
Foreign patents: 9-520,472; 0,537,323; 92,905,522.6; 96,936,922.2; 2,076,379; 2,084,055.  
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# Flanging

Sew  
**EXTRA THICK** &  
**Lightweight** Panels  
on One Workstation



Patent Pending

## 3" Presser-Foot & Needle Lift

- Sews thin panels 1/8" and your 6" thickest panel
- No belt, corners like a Jaguar
- High speed 4000 RPM's @ 4 SPI
- 97% of parts same as Singer 300UX5 tape-edge sewing head
- No special exorbitantly priced parts
- Smooth operation, no unbalanced mechanisms
- Rugged construction, no weak links
- Edge trim knife electrically driven, simple safe design
- Waste removal simplified, no jams
- Proven technology
- Parts replacement drastically reduced
- Simple, reliable & low maintenance
- Electronic servo drive motor without synchronizer
- Pneumatic footlift and sewing head tilt
- AAC guarantees all expendable replacement parts will be shipped within 72 hours or they will be FREE\*!

### OPTIONS

- Automatic flange cutter with re-insert capabilities
- Air floatation table with or without extension
- Ergonomic foot treadle for operator standing position

Footprint: 48" x 20"

\* Contact Sales for the recommended spare parts list and the model workstations covered.



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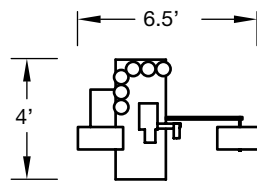
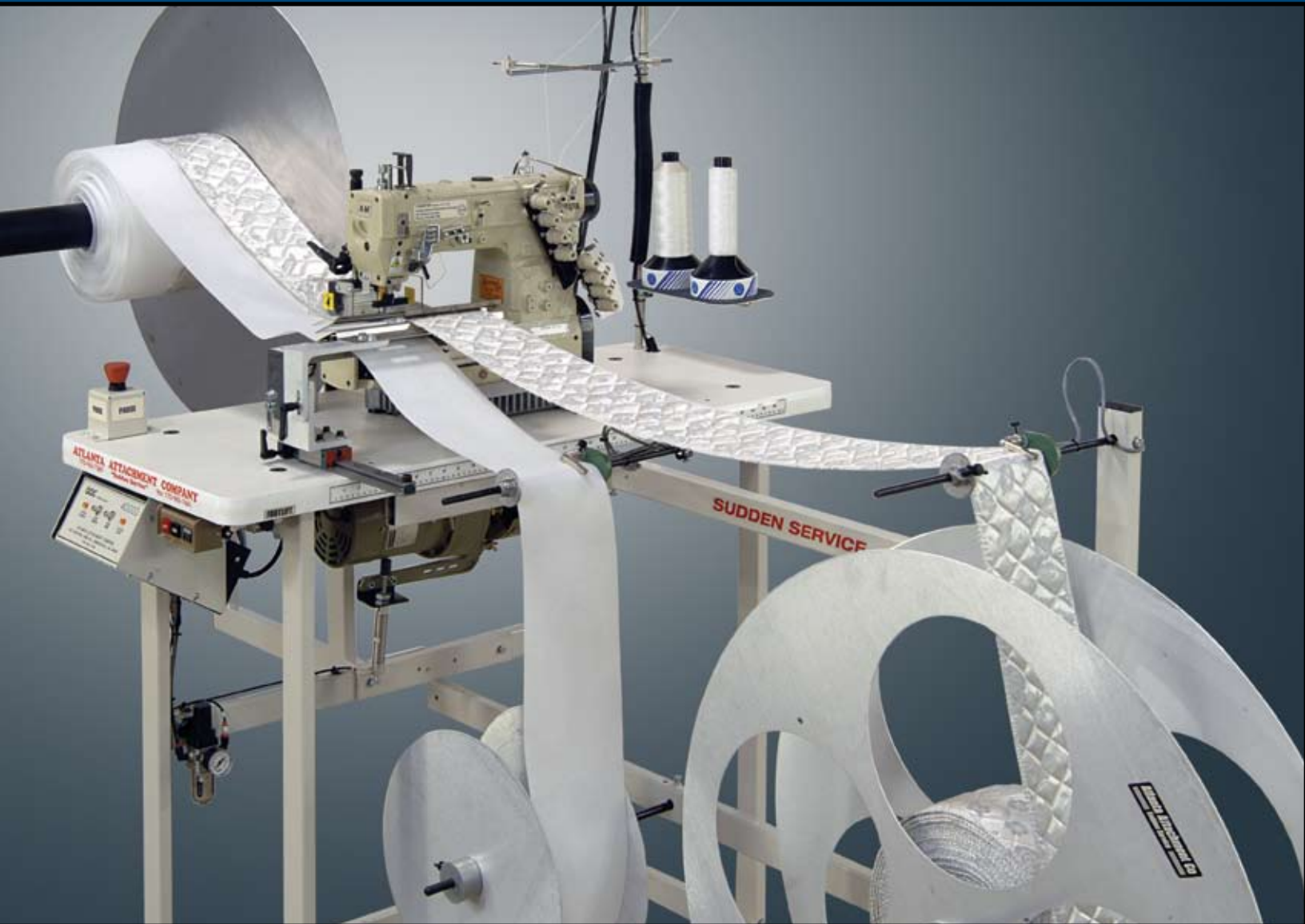
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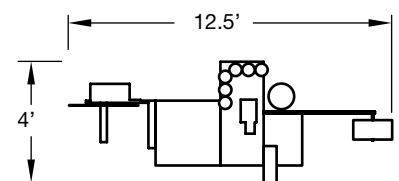




# Flanging



**1334SY28A**



**1334SY2802**

## Automatic Pre-Flanging Gusset Workstation

- High speed - 50 feet per minute
- Heavy-duty multi-needle sewing head with puller
- Self-contained high pressure oiling system
- No external oiling required
- Electronic thread stops
- Auto stops when raw material depleted
- Adjustable width flange guide
- Eliminates the secondary flanging operation
- Variable tension rewinder

### OPTIONS

- Preset yardage counter



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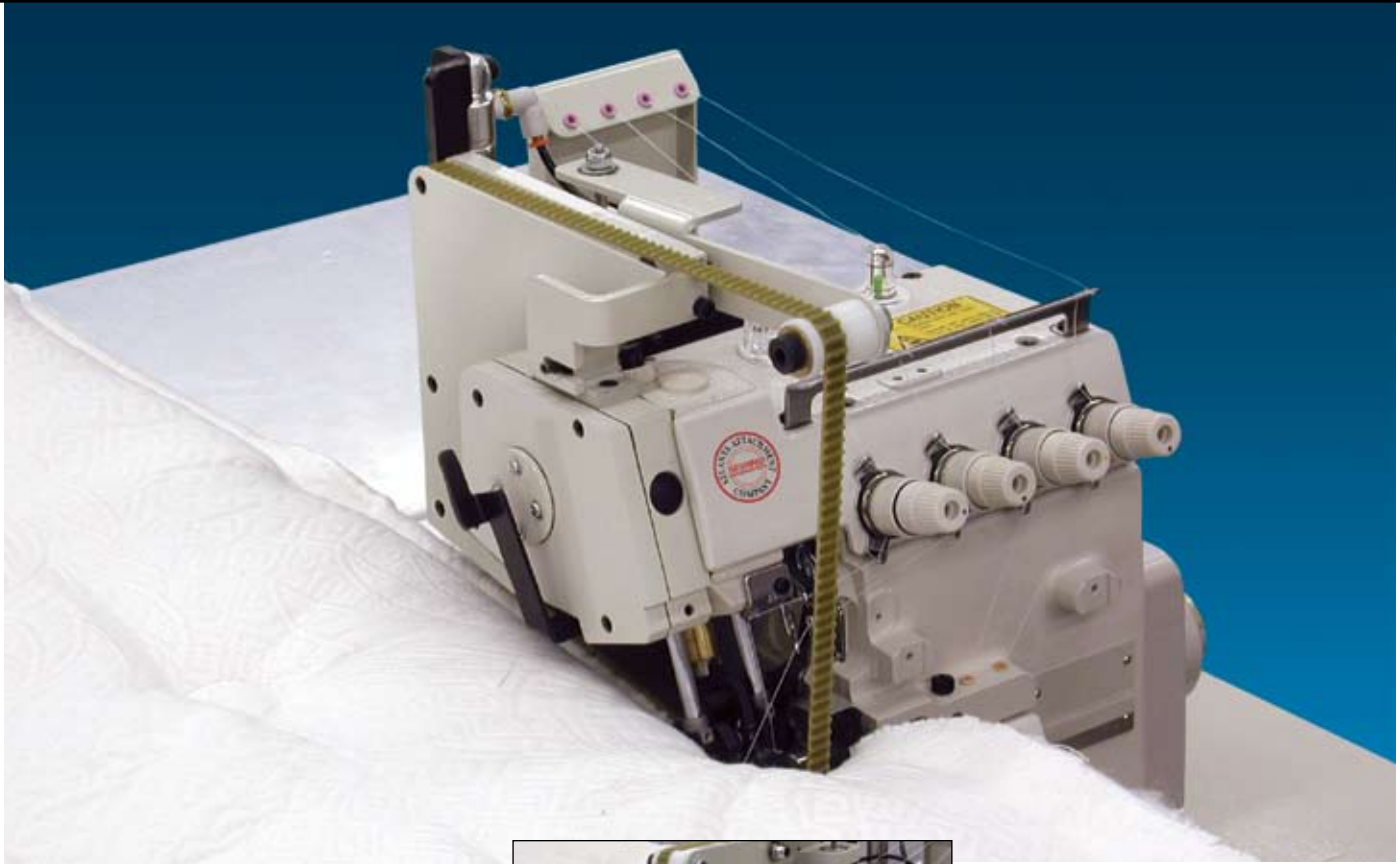
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# Flanging



**Sewing**

**Seconds**



**TO**



**Remove Panel  
& Swing Out  
Presser Foot  
with Belt**

**Seconds**



**TO**

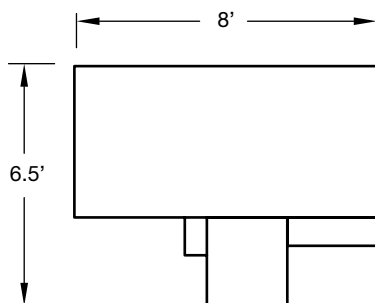


**Complete  
Access to  
Sewing Head  
without Tools**

**Seconds**



Patent Pending





## 2-Year Warranty\*

### 4500RPM

## Flanges Faster, Quieter & Smoother

(No Unbalanced Reciprocating Mechanisms)

### Advantages

- Heavy-duty sewing head with high pressure oiling system and filter
- Swing out presser foot with sealed bearings reduces belt friction. No external lubrication required
- Sews heavyweight & lightweight pillow tops
- Rotary belt drive with sealed bearings
- Unrestricted operator visibility
- Easy threading
- Sews faster, quieter, smoother and guaranteed to require less maintenance and replacement parts than any other flanging machine

### Options

- Adjustable flanging attachment
- Pneumatic flanging cutter
- Pneumatic smart floatation table with or without directional controls
- Electronic servo motor with needle positioner and footlift  
(no synchronizer required)

\* Call or write for a copy of our warranty.



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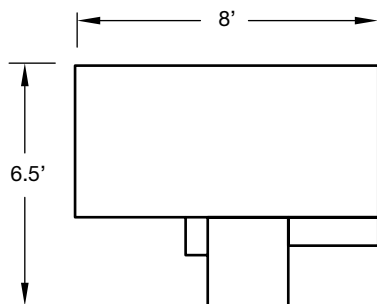
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# Flanging



Patent Pending

## Capper / Flanger Workstation

### No-Flip Mattress

- Flange mattress border automatically while capping
- Workstation may be operated as a conventional capper
- High speed double chainlock sewing head
- Heavy-duty variable top feed produces a pucker free seam
- Workstation may be operated with or without binding
- Workstation produces a concealed seam when operated without binding
- Binder retracts pneumatically
- Flanging attachment retracts pneumatically



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## Automatic Handle Making Workstation for Borders

### Auto Workstation Measures, Cuts, Counts & Tacks Mattress Handles



Box-X cloth handle

#### ADVANTAGES

- 50 feet per minute
- Heavy-duty multi-needle sewing head with puller
- Self-contained pressure oiling system
- No external oiling required
- Electronic thread stops
- Auto stops when raw material depleted
- 1-6 needles available (Customer specified)
- Handle width, length, & type filler (Customer specified)

#### OPTIONS

- Programmable cutter for precise handle lengths
  - Programmable cutter - straight cut
  - Programmable cutter - miter cut
  - Programmable cutter - cut, fold, tuck & tack
- Preset piece counter
- Yardage counter
- Variable tension rewinder
- Tensionless pre-feeding device for filler

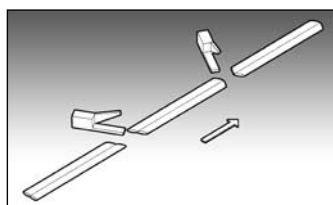
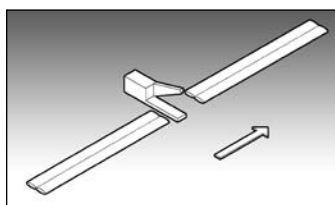
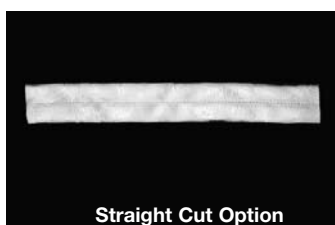
# Model 1959K2



## 1959K2

### Programmable Cutter

The handle ends can be either straight cut or mitered.



Patent Pending

# Model 1959K3



## 1959K3

### Programmable Cutter

The handle ends are tucked to prevent the folded ends from showing.

- Programmed cutter measures, cuts, counts, folds, tucks handle corners and tacks automatically
- No more dog-ear handles
- No hand folding
- No hand cutting
- Faster handle tacking
- Consistent quality
- Less skill required
- Higher production



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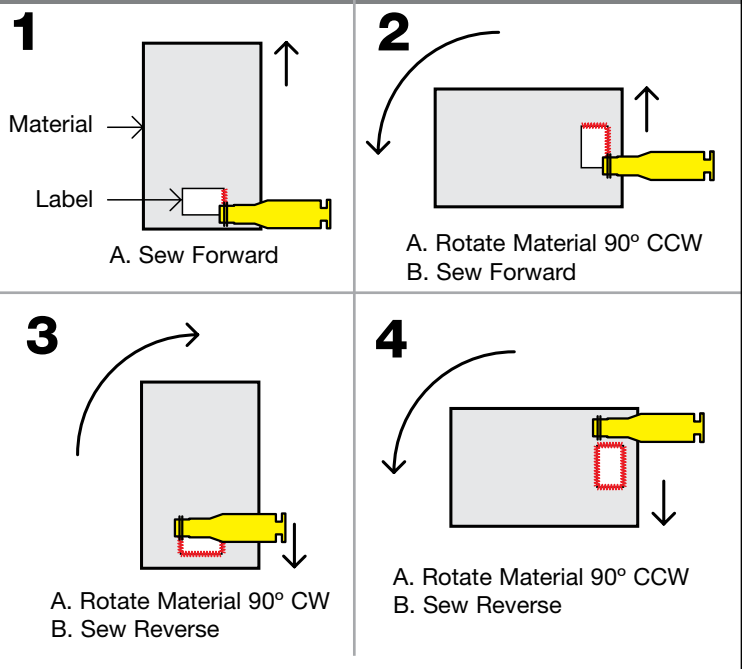
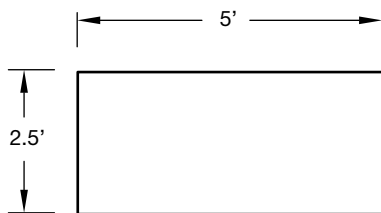
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# Label Sewing



Reverse feed & belts allow operator to only turn panel 90°. Eliminates the need to turn panel 360°





## **Zig-Zag or Straight Stitching REVERSIBLE Top Belts w/Aggressive Feed Dog**

**Reverse feed & belts allow operator to only turn panel 90°  
Eliminates the need to turn panel 360°**

- 30" Capacity under arm
- Belt feed reverses for backtacking
- Electronic servo motor
- Needle postitioning
- Pneumatic presser & belt lift



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# Label Inserting - Control Label

## Model 3206 Control Label Inserter



Inserts a control label on top of the seam. Label is hidden from view, inside mattress.

**May be installed on the following workstation models:**  
3200, 3200M, 3200P, 3300, 1333



Top belt feed swings out for threading and other maintenance

Patent Pending

# Label Inserting - Law Label

Model **3307AH**

**Automatic Law Label Inserter, Hopper Feed**



May be installed on the following workstation models:  
3200, 3200M, 3200P, 3300, 1333

Model **3307**  
**Law Label Inserter,  
Manual Feed**

Inserts a law label between seam.

Patent Pending



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# Packaging

**Unconditionally Warranted!**  
**Parts & Labor for Two Full Years . . .**  
**Including expendable Teflon Sealing Bar Tape\***

## Auto Pac

Patent Pending

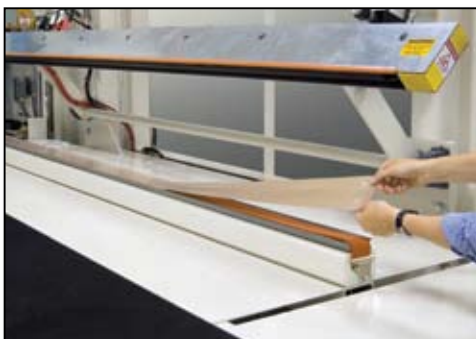


### Lower Film Roll Loading

When the operational roll is depleted, the Auto Pac stops. The operator pulls a handle that releases the next roll of film which rolls into position.

The lower film magazine glides out on casters for ease of loading (above). The forklift operator tilts the forks and the film rolls into position. No lifting, no climbing under machine, one person operation. The Auto Pac may be loaded while in operation.

### Replacement of Teflon Tape



Teflon tape surface may need to be replaced approximately every quarter (500 Hrs of operation). Operator removes Teflon tape from clip, lifts to unstick, pulls out new tape from roll (think cellophane tape dispenser) places



end of tape back in clip. Using the roller with extension, the operator rolls tape down to re-stick to lower seal surface. Total time to replace (3) lower seal bar tape is approximately 15 min.



Teflon tape supply will need to be replenished after approximately 2 years (4200 hours of operation). Operator drops in new roll and retracts the extender roller. Total time to replenish 5 minutes

# Model 1390A

## Upper boot film holder



## Lower boot film holder



## Upper and lower boot film holder

The holder for the boot film swings down to an ergonomically correct height for loading. A fail safe device locks the roll holder in place as it is rotated into the operational position.

## Upper Film Roll Loading (optional)

The operator, using the remote control, lowers the overhead crane, and the spreader bar is inserted into each end of the film roll. The film is safely lifted.

The operator then maneuvers the conveniently located pull cord assembly to move the film into the correct position and lowers it onto the inclined film rack.

When the upper film is depleted, the machine stops automatically and the next film rolls into position.



An optional compression module is available

## Splicing film - No Waste!

When the upper or lower film is depleted, the Auto Pac automatically stops and the operator releases the next roll which rolls into position. The operator places the trailing end of the depleted roll and the end of the new roll into the sealing clamp/guide assembly. The operator "double seals" the splice without wasting any film.

## Double Seal (Including Splice)

Double seals on four sides with or without trim.



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\* Call for complete details on warranty

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# Panel Cutter / Border Slitter



Patent Pending



## Combination Panel Cutting/Border Slitter

This machine is mainly used for auto-cutting of mattress panels and mattress borders. It can be used together with quilting machine or separately.

### Technical Features:

- Controlled by touch screen and PLC, simple in operation
- The size of panels and the total yards of borders can be preset
- Precision cutting with edge trim
- Equipped with auto sharpening device for cutters
- Quiet, low vibration, reliable performance

### Technical Specifications:

- Output speed: . . . . 15 m/min / 49 ft/min
- Total power: . . . . . 2 kw
- Air pressure: . . . . . 0.4-0.8 MPa / 58-116 psi
- Power supply: . . . . 380V 3 Phase
- Machine size: . . . . 4000 mm x 2300 mm x 2500 mm / 156 in x 90 in x 99 in
- Machine weight: . . 1100 kg / 2425 lb



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## ***Silver Eagle IV*** **Digital-Controlled Quilting Machine**

- **Mattress Panels**
- **Mattress Borders**
- **Bedspread & Furniture**
- **Sleeping Bag**
- **Auto Seat**

### **Features:**

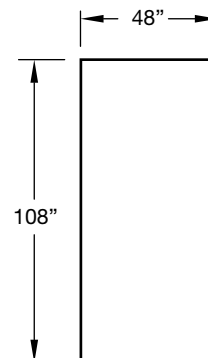
- Class 1-4 quilt patterns, including 360° Jump Patterns
- Create new patterns **in-plant** (optional)
- Advanced chainstitch multi-needle quilter
- State-of-the-art computer & screen
- Pattern storage capacity (1000 standard)
- Thread-break detectors for all needles & loopers
- Computer records shift output, total output, number of patterns sewn, etc.
- Auto needle thread cutting for jump patterns
- Auto needle positioning
- Online vectorial angle and parameter correction
- Servo motors for precision patterns
- Quiet, balanced, reliable performance

### **Technical Specifications:**

- Quilting width: . . . . . 2350 mm / 92.5"
- Quilting thickness: . . . 70 mm / 2.75" \*
- Needle model/size: . . . 180/20-24
- Total needles: . . . . . 97x3 = 291
- Stitch length: . . . . . 1-6 mm / .04"- .24"
- Rotating speed: . . . . . 1000 RPM \*\*
- Machine size: . . . . .  
L 7239 mm x H 2480 mm x W 4840 mm  
L 285 in x H 98 in x W 191 in
- Machine weight: . . . . . 5510 kg / 12,150 lbs
- Total power: . . . . . 8.0 kw



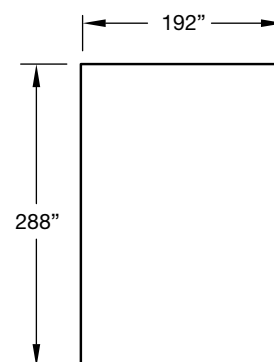
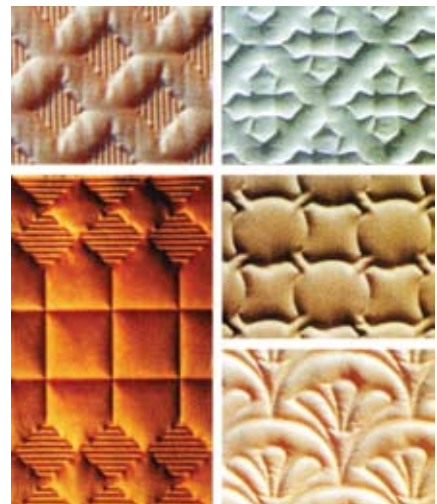
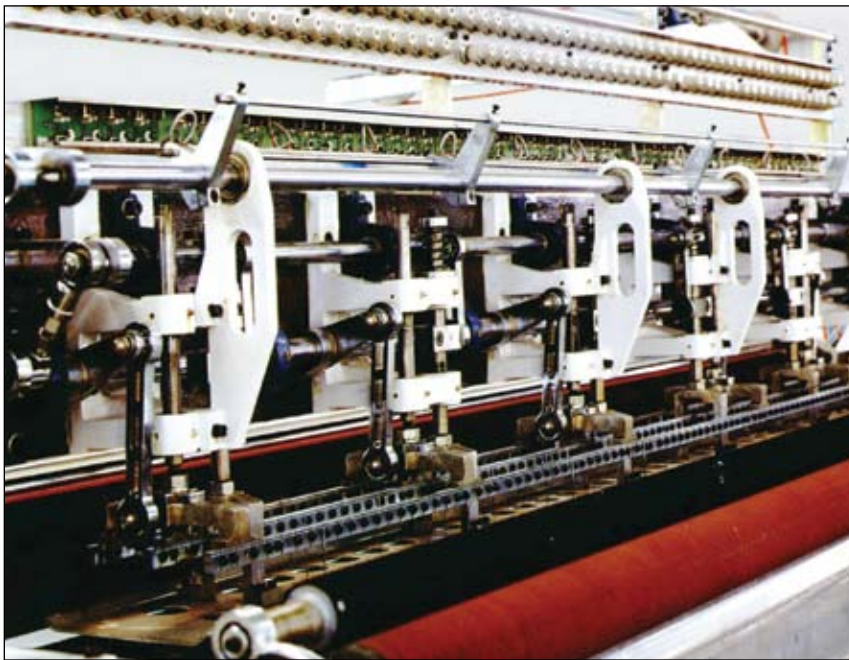
Model **1392C**



\* Subject to type foam or fiber used.

\*\* Subject to thickness being sewn

# Model 1392



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 5,634,418; 5,647,293; 5,657,711; 5,743,202; 5,865,135; 5,899,159; 5,915,319; 5,918,560; 5,979,345; 6,035,794; 6,055,921;  
 6,202,579; 6,279,869; 6,295,481; 6,494,255; 6,802,271; 6,574,815 B2; 6,834,603 B1; 6,968,794 B1  
 Foreign patents: 9-520,472; 0,537,323; 92,905,522.6; 96,936,922.2; 2,076,379; 2,084,055.  
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## GoldenEagle IV

- **Mattress Panels**
- **Mattress Borders**
- **Bedspread & Furniture**
- **Sleeping Bag**
- **Auto Seats**



### Features:

- Class 1-4 quilt patterns, including 360° Jump Patterns
- Create new patterns **in-plant** (optional)
- Mattress & border can now have the same pattern
- Pattern storage (1,000 standard, 9,999 optional)
- Synchronized carriage and needle positioning for optional stitching and pattern integrity
- Fast transfer between patterns
- Quilter pre-programmed with all standard class 1-4 patterns
- Pre-programmed with customer's patterns (optional)
- Batch mode software (optional)
- State-of-the-art computer with color touch screen and modem, with password protection
- Windows based XP operating system
- Computer, touch screen and operating system are standard off-shelf items
- Computer records shift output, total output, number of patterns sewn, run time, thread breaks, etc.
- Continuous synchronized motion of all x-y-z axis for reliable and smooth operation
- Powerful direct drive servo motors for maximum ramp-up/ramp-down & accurate positioning
- Touch screen vectorial angle and parameter correction
- Touch screen presser-foot timing & lift adjustment while quilter is operational
- Remote control for auto positioning of needle bar, looper timing and maintenance
- Needle thread cutting does not require quilter to reverse, increasing output
- Auto needle thread cutting for jump patterns
- Needle threads trimmed short, no second operation thread trimming required
- Thread-break detectors for all needles and loopers, simple & reliable, no false signals
- Auto lube included
- Bag closer for ticking splice included
- Deluxe material rack, thread creel and work platform included
- Looper holders are two piece design with double needle guards
- Looper timing gauge ensures that looper and needle guards are correctly set before installation (optional)
- Meets international safety standards



Model **1392C**

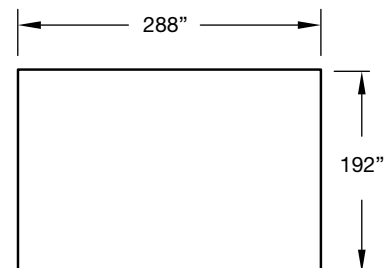
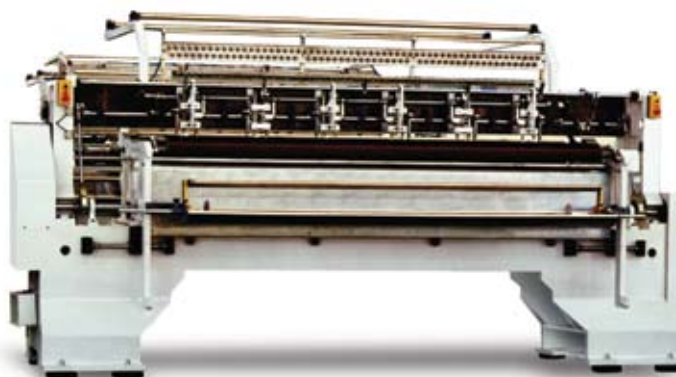


Patent Pending

# Model 1392A



## 360° Digital-Controlled Chainstitch Quilting Machine



### Technical Specifications:

- Quilting width: . . . . . 2350 mm / 92.5"
- Quilting thickness: . . . . . 76.2 mm / 3" \*
- Needle model/size: . . . . . 180/20-24
- Total needles: . . . . . 97x3 = 291
- Stitch length: . . . . . 1-6 mm / .04"-.24"
- Rotating speed: . . . . . 1275 RPM \*\*
- Machine size: . . . . .  
L 7239 mm x H 2305 mm x W 4652 mm  
L 285 in x H 91 in x W 183 in
- Machine weight: . . . . . 5795 kg / 12,750 lbs
- Total power: . . . . . 8.0 kw / 10.73 hp

\* Subject to type foam or fiber used.

\*\* Subject to thickness being sewn.



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6,202,579; 6,279,869; 6,295,481; 6,494,255; 6,802,271; 6,574,815 B2; 6,834,603 B1; 6,968,794 B1  
Foreign patents: 9-520,472; 0,537,323; 92,905,522.6; 96,936,922.2; 2,076,379; 2,084,055.  
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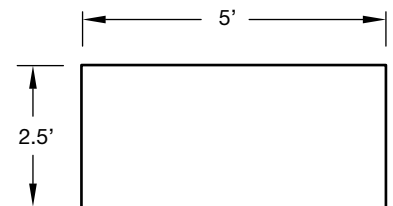
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# Repair





## Long Arm Repair 30" or 40"

# Quilting Repair Machine with Hopping Foot for Omni-Directional Sewing

- 30" or 40" capacity under arm
- Omni directional sewing
- Spoon or eyelet style presser foot (customer specified)
- Electronic servo motor
- Needle positioning
- Auto presser footlift

Model 1342      30"

Model 1342A    40"



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**Ruffler**

# One Roll, One Machine Multiple Styles

Model **1335**  
Series

**Simple - Economical**  
*Elegant*





# 1335M Series Guides & Sewing Heads

## Pillow Top & Euro Top



Pillow Top



Euro Top

## Continental Foundation & Attach Non-Skid (**ONE OPERATION**)



Continental  
Foundation &  
Attach Non-Skid  
Capping in  
One Operation

Patent Pending

## 1335M Series Sewing Heads



**F** **Yamato 1804**  
Light Weight  
Drop Feed



**G** **Yamato 2002**  
Medium Weight  
Needle Feed



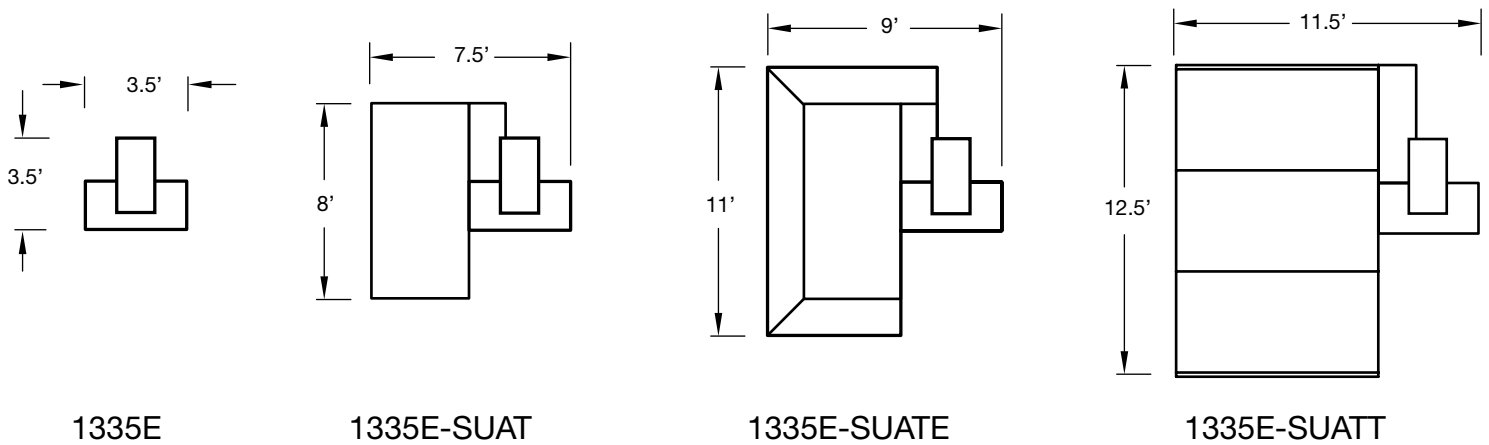
**H** **Singer 300UX5**  
Heavy Weight  
Walking Foot



# Ruffler



Shown with Pneumatic Floatation Table (single)



## Pillow-top, Euro-top or Continental Ruffler Workstation Economy Model

### 25 - 30 pieces per hour

- Adjustable folder for symmetrical (Pillow-top) and offset gusset (Euro-top)
- Pillow-top, Euro-top or Continental borders (depending on folder style ordered)
- High-speed chainstitch, dropfeed sewing machine
- Mechanically driven adjustable puller
- Electronic sewing motor
- Solid state speed control
- Needle positioner - no synchronizer
- Pneumatic foot and puller lift
- Auto stop at corner
- Gusset may be pre-flanged
- Stand up or sit down (customer specified)



### Options:

- Pneumatic Floatation Table (single)
- Pneumatic Floatation Table (triple)
- Air Table Extension (3 sides)
- Auto Flange Module



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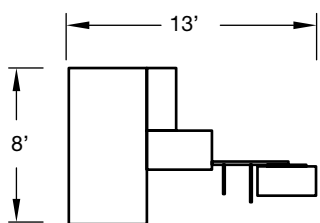
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Foreign patents: 9-520,472; 0,537,323; 92,905,522.6; 96,936,922.2; 2,076,379; 2,084,055.  
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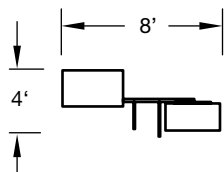
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# Ruffler



1335MA-SUAT  
with Air Table



1335MA



**Euro-Top**



**Continental Foundation & Capping**

Patent Pending



## Multi-Purpose Ruffler Workstation

## Pillow-top Gusset Ruffler

## Euro-top Ruffler

## Continental Foundation Ruffler

## Bottom Capping Ruffler

Accomplish all of the above by simple material guide change.

- High-speed needle feed heavy-duty sewing machine
- Electronic servo drive puller
- Electronic sewing motor
- Solid state speed control
- Needle positioner - no synchronizer
- Pneumatic footlift
- Auto stop at corner
- Adjustable folder for symmetrical and offset gusset
- Gusset may be pre-flanged

### OPTIONS

- Air floatation table - Specify Size
- Additional folder guides
- Sit-down workstation

### Sewing Head Preference

Model	Sewing Head
-------	-------------

1335MF	Yamato	1804
1335MG	Yamato	2002
1335MH	Singer	300UX5

(For more details, see page 53)



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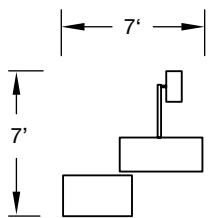
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6,202,579; 6,279,869; 6,295,481; 6,494,255; 6,802,271; 6,574,815 B2; 6,834,603 B1; 6,968,794 B1  
Foreign patents: 9-520,472; 0,537,323; 92,905,522.6; 96,936,922.2; 2,076,379; 2,084,055.  
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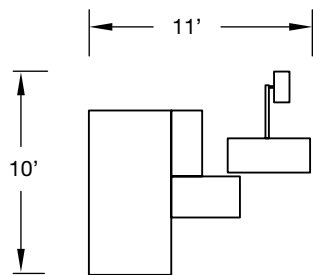
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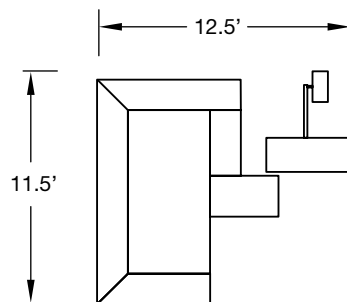
# Ruffler



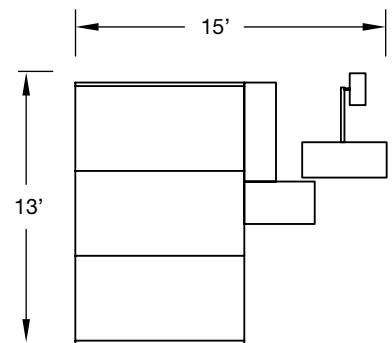
1335MA-34



1335MA-34SUAT



1335MA-34SUATE



1335MA-34SUATT

Patent Pending

## Pillow-top Gusset Ruffler Workstation with Automatic Pre-Flanging

### Gusset Ruffler

- High-speed needle feed double chainlock sewing machine
- Electronic sewing motor
- Solid state speed control
- Needle positioner - no synchronizer
- Pneumatic footlift
- Auto stop at corner
- No edge trim of panel ensures exact tailoring

### Gusset Pre-Flanger

- Heavy-duty multi-needle sewing head with puller
- Self-contained high pressure oiling system
- Auto stops when raw material depleted
- Adjustable width flange guide
- Eliminates the secondary flanging operation

### OPTIONS

- Air floatation table - Specify Size
- Additional folder guides
- Sit-down workstation
- Walking foot sewing head

### Sewing Head Preference

Model              Sewing Head

#### RUFFLER

1335MF-34	Yamato	1804
1335MG-34	Yamato	2002
1335MH-34	Singer	300UX5

(For more details, see page 53)

### FLANGER

All Workstations      Yamato      1804



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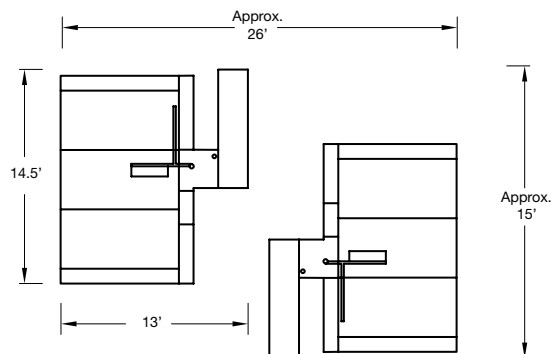




# Ruffler



Patented



## Model 1335A Time Study TWIN PANEL - 201"

Single	Tandem	Description
30.0		Loading & Finishing
20.7		Straight Sewing
24.0		4 Corners
74.7		Total Seconds
48.2	96.4	Pieces / Hour MAX
38.5	77.0	Pieces / Hour @ 80% EFF

## FULL PANEL - 232"

Single	Tandem	Description
30.0		Loading & Finishing
23.9		Straight Sewing
24.0		4 Corners
77.9		Total Seconds
46.2	92.4	Pieces / Hour MAX
37.0	74.0	Pieces / Hour @ 80% EFF

## QUEEN PANEL - 256"

Single	Tandem	Description
30.0		Loading & Finishing
26.3		Straight Sewing
24.0		4 Corners
80.3		Total Seconds
44.8	89.6	Pieces / Hour MAX
35.9	71.8	Pieces / Hour @ 80% EFF

## KING PANEL - 288"

Single	Tandem	Description
30.0		Loading & Finishing
29.6		Straight Sewing
24		4 Corners
83.6		Total Seconds
43.1	86.2	Pieces / Hour MAX
34.4	68.8	Pieces / Hour @ 80% EFF

### NOTE

The above examples are based on the following:  
6 SPI @ 3500RPM. We have assumed an operator proficiency of 80% of the maximum potential. This includes normal machine servicing, thread breaks, etc. Actual production will vary depending upon operator proficiency, work cell configuration, material flow, procurement of raw materials, frequency of roll changes, etc.

## Automatic Pillow-Top Gusset Ruffler Workstation

**With Auto Flanging Module  
Tandem Operation for Maximum Productivity**

- One operator produces 60+ queen size pillow-top panels (per hour) with flanging and ruffled gusset corners
- 600% production gain over manual operation
- Automatically flanges panel, edge guides, senses corner, ruffles gusset, stops, repositions folder assembly for finishing operation
- Plain, fused, vertical stitch and quilted gusset

### Advantages

- 600% productivity improvement over manual operations.
- One operator produces 60+ queen size pillow-top panels with flanging and ruffled gusset corners per hour (two workstations).
- Automatically flanges panel, edge guides, senses corner, ruffles gusset, stops, repositions folder assembly for finishing operation.
- De-skills two difficult operations.
- Eliminates mitered borders and tailoring problems.
- Ruffles are always positioned precisely on corners.
- Superb tailoring utilizing less skilled labor.
- Simple machine to maintain.
- Safety interlocks.
- State-of-the-art Serial Bus Control System, unconditionally guaranteed 3 years.
- Electronic thread break detectors.
- All aluminum maintenance-free air floatation table.
- Floatation table electronically controlled.
- Floatation table automatically adjusts air flow for different weight panels.
- Sewing workstation swings out for ease of maintenance.
- Reliable sewing head with self-contained oiling system.
- Electronic servo drive motor with needle positioner (no synchronizer required).
- Pneumatic footlift.
- No tools required for routine adjustments and maintenance.
- Remote oil drain and filter access.
- Gusset accumulator ensures adequate material is available before cycle begins.

### Auto Flanger Model 1334

**Automatic flanging module for pillow-top gusset ruffler workstation.**

- Eliminates the secondary flanging operation.
- Ensures proper tailoring of panel corners.
- Heavy-duty sewing head.
- Electronic thread stops.
- State-of-the-art design with patented Serial Bus Control System, unconditionally guaranteed 3 years.
- Pneumatic footlift.



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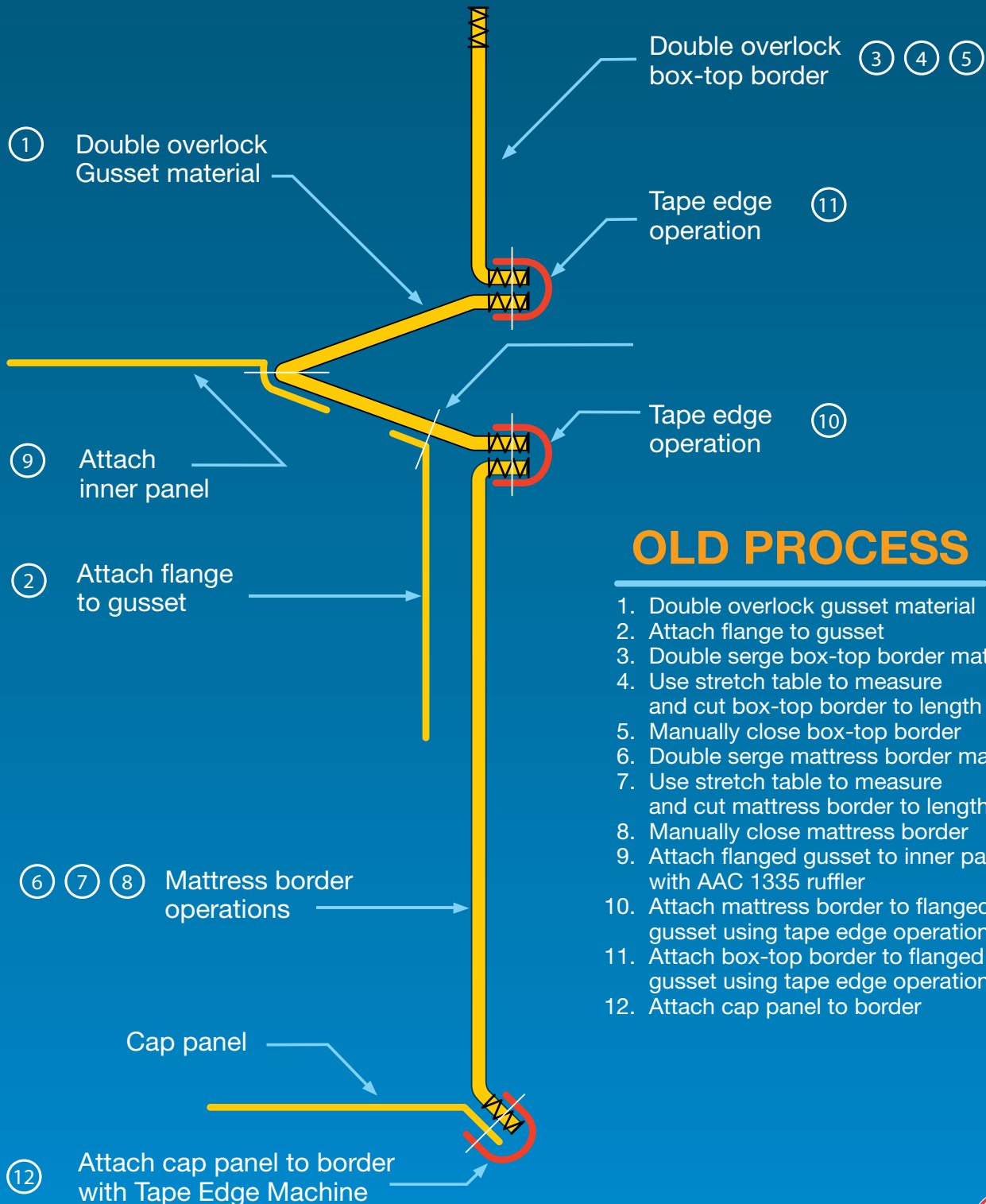
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# Old... Costly... Out-Dated Methods



## OLD PROCESS

1. Double overlock gusset material
2. Attach flange to gusset
3. Double serge box-top border material
4. Use stretch table to measure and cut box-top border to length
5. Manually close box-top border
6. Double serge mattress border material
7. Use stretch table to measure and cut mattress border to length
8. Manually close mattress border
9. Attach flanged gusset to inner panel with AAC 1335 ruffler
10. Attach mattress border to flanged gusset using tape edge operation
11. Attach box-top border to flanged gusset using tape edge operation
12. Attach cap panel to border



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# One-Piece Border Seams Meet All Known Flammability Requirements

① Double overlock single piece border

⑤ Attach flanging to single piece border and make all ruffled corners\*\*

Flanging optional on any Faux Seam

## NEW PROCESS

1. Double overlock single piece border
2. Automatic faux self-tape operation\*
3. Automatic faux self-tape operation\*
4. Automatic faux self-tape operation\*
5. Attach flanging to single piece border and make all ruffled corners. Operator closes border & miters corners with Kevlar thread.

\* Model 1349 Automated Faux Seam Workstation

\*\* Model 1335 Automated Ruffler

④ Automatic operation with or without binding\*

② Automatic operation with or without binding\*  
(this operation not required on a standard pillow-top)

③ Automatic operation with or without binding\*



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Foreign patents: 9-520,472; 0,537,323; 92,905,522.6; 96,936,922.2; 2,076,379; 2,084,055.  
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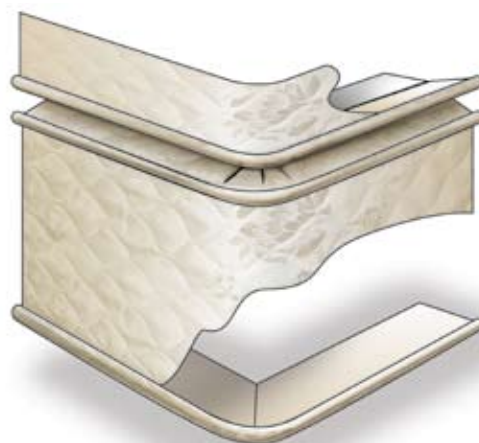
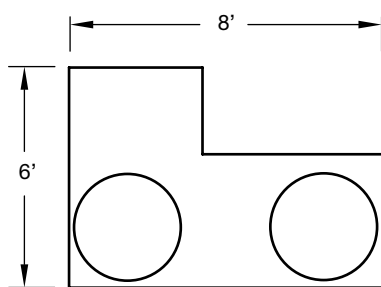
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# Border



Patent Pending

## Automatic One-Piece Border Workstation with Faux Tape-Edge Seams

- **Box-Top**
- **Euro-Top**
- **Cushion-Top**
- **Pillow-Top**
- **One-piece border up to 30"**
- **The faux seam gives a self tape look**
- **Faux seam may be taped if desired**
- **No Kevlar thread needed in seams**
- **Seams meet known flammability requirements**
- **No flip is required at tape edge**
- **One person operates up to 4 workstations**
- **Workstation produces 50' of border per minute**
- **Tape edge operator has to tape only one seam instead of four without flipping mattress**

### Operation

- Operator loads border roll and passes border through guides and onto rewinding mechanism.
- Folding guides are activated and workstation produces a tape edge seam automatically.
- After first seam is completed, border roll is returned to original location and second tape edge seam is completed.
- A third or fourth seam is produced in the same manner.
- Seams are pucker-free and flanging may be added to tape seams if required.
- Operator may select any spacing between seams.
- Borders up to 30" may be sewn with one or more faux or taped seams.



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5,634,418; 5,647,293; 5,657,711; 5,743,202; 5,865,135; 5,899,159; 5,915,319; 5,918,560; 5,979,345; 6,035,794; 6,055,921;  
6,202,579; 6,279,869; 6,295,481; 6,494,255; 6,802,271; 6,574,815 B2; 6,834,603 B1; 6,968,794 B1  
Foreign patents: 9-520,472; 0,537,323; 92,905,522.6; 96,936,922.2; 2,076,379; 2,084,055.  
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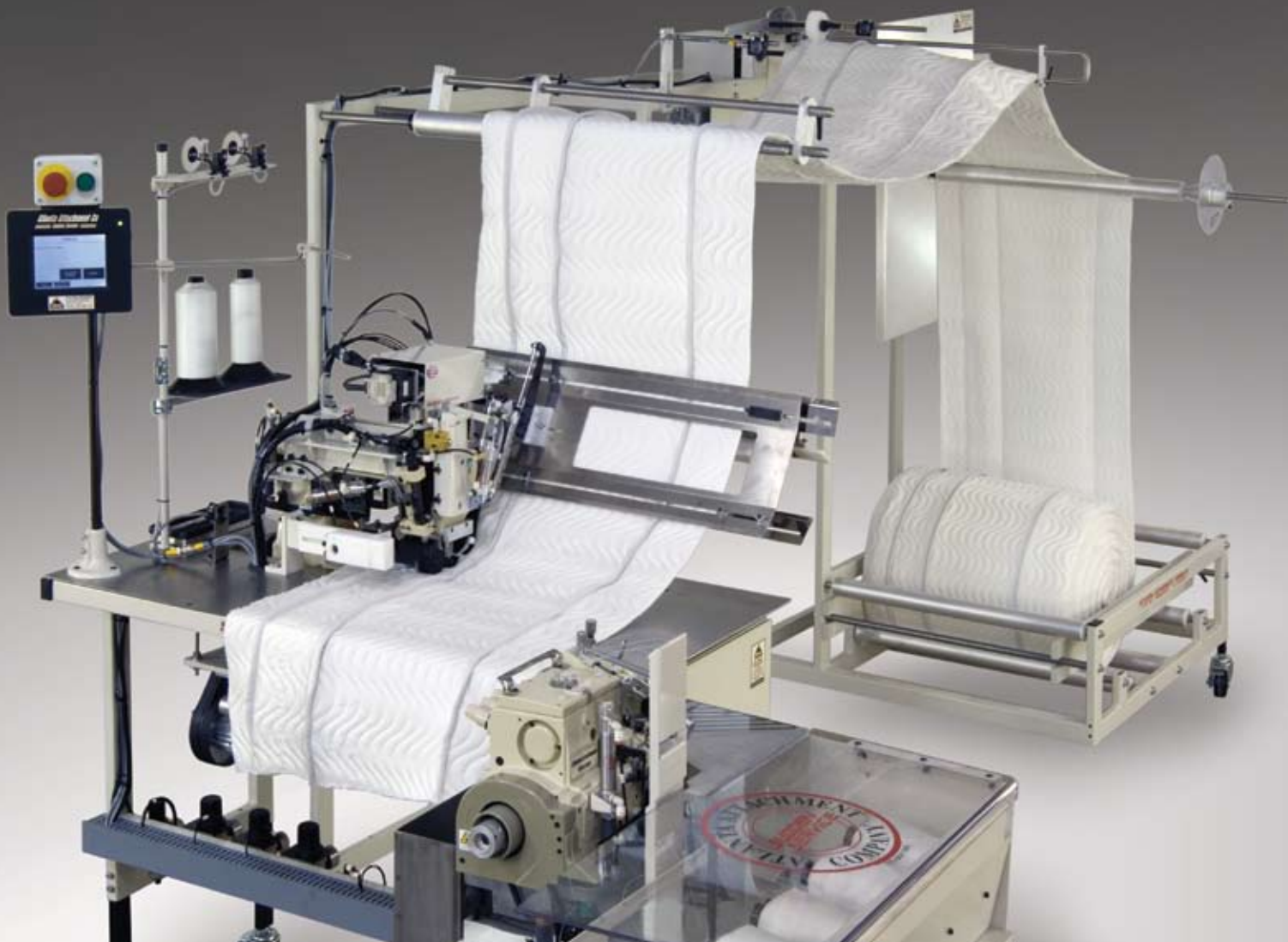
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# Ruffler

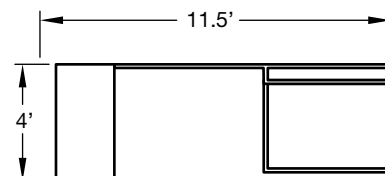


Model	Sewing Head	
1335MFB	Yamato	1804
1335MGB	Yamato	2002
1335MHB	Singer	300UX5

(For more details, see page 53)



Model 1351, Semi-Automatic Safety Stitch Border,  
Miter & Close Workstation



Patent Pending

## Automatic Ruffler with Serial Bus Control System

### Continental Borders from One Continuous Piece

- Automatic workstation produces 30 pre-flanged mattress borders per hour
- Heavy-duty double chainlock sewing head with electronic programmable servo motor
- Servo-driven ruffler mechanism
- Powered border roll unwinder to ensure accurate border sizes
- No inner panel needed
- Serial Bus Control System equipped with touch screen for operator input
- Serial Bus Control System has capacity for 99 styles to be saved
- Serial Bus Control System is unconditionally guaranteed for 3 years

### OPERATION

- Operator enters the style and quantity of borders needed
- Automatic workstation measures, ruffles all four corners, marks location for the four miters and the cut line
- Operator miters and closes mattress border with Kevlar thread using AAC's model 1351 Semi-Automatic Safety Stitch Workstation
- Automatic workstation produces the next border while operator miters & closes previous border
- Continental style mattress border is now complete and ready to be capped

### Seams Meet All Known Flammability Standards



Automatic Marking Module - Marks border for placement of handles - Model 3200PM



Optional semi-automatic cutter available, replaces marker



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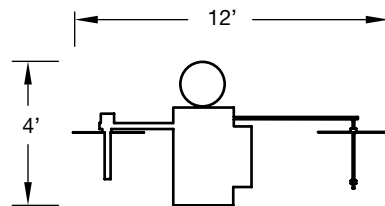
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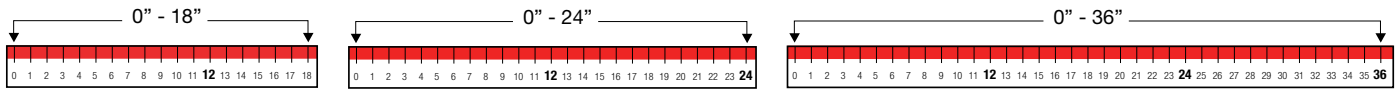


# Serger - Double Edge





# Model 1961



## Dual Purpose Workstation for BORDERS & Pillow-Top GUSSETS

**125 FPM of border serging  
both sides @ 4 SPI**

**No mechanical jack shaft drive  
(Dual electronic servo drive motors with needle positioning)**

### ADVANTAGES

- Material capacity: 0" - 18" standard (up to 72" optional)
- Turn off either sewing head for single serging
- Dual electronic servo motors
- Needle positioning (no synchronizer required)
- Electronic thread break detection
- Variable tensioning of border material
- Servo drive variable speed puller with long lasting urethane rollers
- Servo drive variable tension rewinder
- Stops automatically for material splice
- Foot pedal activation for splicing and servicing
- Border may be serged without edge trim

### DESCRIPTION

An automatic workstation for serging one or both sides of a band of rolled or festooned material. This unit incorporates a variable torque rewinder.

### OPERATION

The operator loads the border through the front tension assembly and uses the foot pedal to sew it through the right and left sergers. Activating the puller lift switch opens the puller, the cloth is inserted between the rollers and the switch closes the puller. The operator places the cloth between the spindle rods on the winder and presses the start button. The unit automatically serges all the material on the roll, or in the bin and automatically stops when the end of the material is sensed. The unit stops with the trailing edge of the material held by the front tension assembly so that the leading edge of the next band can be easily spliced. The finished width of the goods being sewn can be adjusted by turning a crank and moving the left serger. A scale is provided which indicates the finished width of the goods being sewn.



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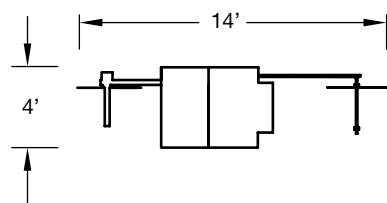
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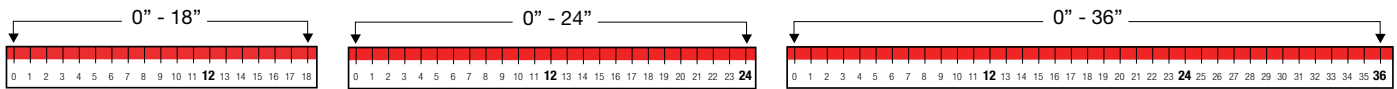
# Serger - Double Edge



Pre-Flanging Gusset

Patent Pending

# Model 1961-34



## Double Serging & Pre-Flanging Gusset

### BORDERS & GUSSETS

**No need for secondary flanging operation.**

- Border without flange: 0"-18" - Standard (up to 72" optional)
- Turn off any of the sewing heads for manufacturing flexibility
- Electronic servo motors
- Needle positioning on all sewing heads (no synchronizer required)
- Electronic thread break detection on all sewing heads
- Crank indexes left serger and flanger simultaneously
- Variable tensioning of border material
- Servo drive variable speed puller with long lasting urethane rollers
- Servo drive rewinder with reliable pneumatic clutch
- Stops automatically for material splice
- Foot pedal activation for splicing and servicing
- Border may be serged without edge trim
- Adjustable flange guide accepts 3"-8" flange



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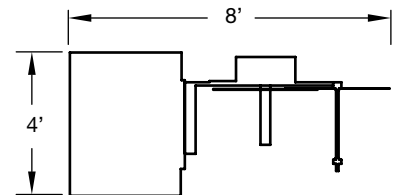
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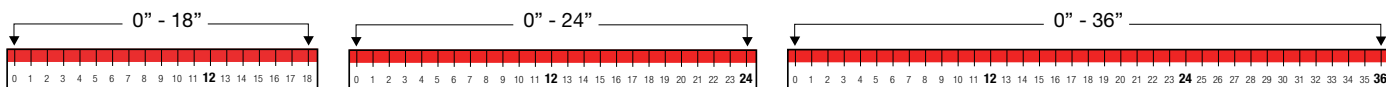




# Serger - Double Edge



# Model 1962



## Dual Purpose Workstation for BORDERS & GUSSETS Over/Under Design

125 FPM of border serging both sides @ 4 SPI

**No mechanical jack shaft drive (Dual electronic servo drive motors with needle positioning)**

### ADVANTAGES

- Uses two conventional overlock sewing heads
- Only stock one set of replacement parts
- Load and unload from front position
- Material capacity: 0" - 18" standard (up to 72" optional)
- Turn off either sewing head for single serging
- Dual electronic servo motors
- Needle positioning (no synchronizer required)
- Electronic thread break detection
- Variable tensioning of border material
- Servo drive variable speed puller with long lasting urethane rollers
- Servo drive variable tension rewriter
- Stops automatically for material splice
- Foot pedal activation for splicing and servicing
- Border may be serged without edge trim

### OPERATION

The operator loads the border through the front tension assembly and uses the foot pedal to sew it through the sergers. Activating the puller lift switch opens the puller, the cloth is inserted between the rollers and the switch closes the puller.

The operator places the cloth between the spindle rods on the winder and presses the start button. The unit automatically serges all the material on the roll, or in the bin and automatically stops when the end of the material is sensed. The unit stops with the trailing edge of the material held by the front tension assembly so that the leading edge of the next band can be easily spliced. The finished width of the goods being sewn can be adjusted by turning a crank and moving the left serger. A scale is provided which indicates the finished width of the goods being sewn.



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# Springs



**Micro**



**Nested**



**Zoned**



**Top & Bottom  
Non-woven**

Patent Pending



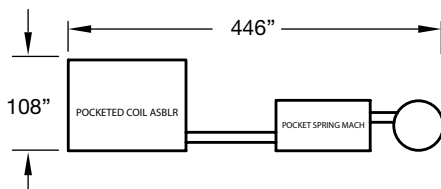
## Automatic Pocket Spring Production Line

### High-speed, 70 coils per minute

Production line consists of automatic pocket spring coiler, automatic pocket spring assembler and conveyor. It is equipped with PLC, touch screen and produces center welded pocket springs, heat treated and automatically assembled into units.

### Technical Features

- Fully automatic, low labor cost
- Improved 90° spring turning process avoids spring entanglement
- Auto stop when no material, spring wire or door opened
- Optional assembling with non-woven covers top and bottom
- Continuous or interrupted gluing mode. 70% glue cost savings when interrupted mode selected
- Assemble barrel or cylindrical pocket springs, parallel or offset
- Multiple zones programmable
- Micro Pocketed coil for Euro-top
- Pocketed coil unit may be used with border wire or foam encased perimeter



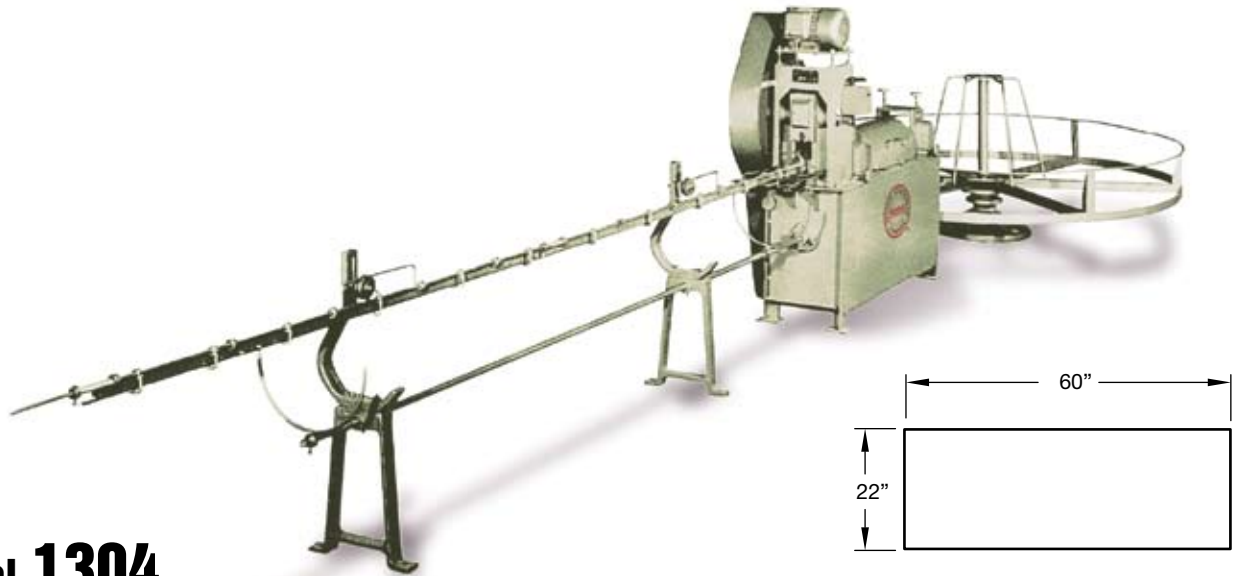
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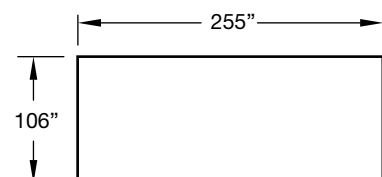
## Model 1304 Wire Straightening Machine

Used for straightening and cutting cold-drawn steel wire and other non-ferrous metal wire. It measures and cuts wire automatically and works continually. Simple in design and operation.



## Model 1305 Pneumatic Border Bending Machine

- Forms the border wire for pocket coil mattress unit.
- Forms 8 border wires each cycle.
- Simple design, dependable operation and low maintenance.



# Model 1309



## Spring Unbaler

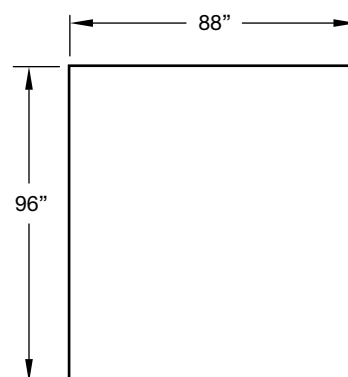
Used for unbaling  
compressed spring units

### Technical Specifications:

Motor power . . . . . 3 kw / 4 hp  
Max pressure . . . . . 600 kN / 67 Ton  
Max unbaling height . . 3200 mm / 126 in  
Power supply . . . . . 380V 3 Phase  
Rack speed . . . . . 3m/min / 10 ft/min

#### Overall dimension:

3048 mm x 2210 mm x 3860 mm  
W 120 in x L 87 in x H 152 in



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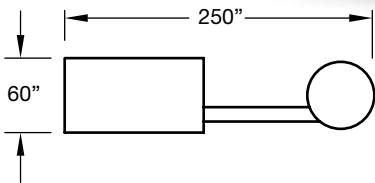
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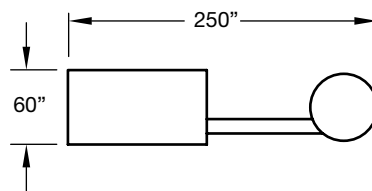




# Springs



Model **1313M** Micro Pocket Coil Machine



Patent Pending

## Semi-Automatic Pocket Coil Equipment

- CE certified, compact design, simple to install, operate and maintain.
- Electro-mechanical drives, dependable operation, low maintenance.
- Produces center-welded pocket springs that are trim and compact.
- Springs are heat treated automatically.
- Auto stop activated when material or spring wire is depleted or door is opened.
- Programmable computer records desired machine functions, output per shift, per week, maintenance errors, etc.

### Technical Specifications:

- Production speed . . . . . 45-50 coils/min
- Pocket spring height . . . 120-180 mm / 4.72-7 in
- Width of non-woven . . . 360-510 mm / 14-20 in
- Spring wire gauge . . . . . 1.8-2.3 mm / .07-.09 in
- Total power . . . . . 17.5 kw
- Total weight . . . . . 2500kg / 5512 lbs
- Machine dimension . . . . 2850 mm x 1550 mm x 1920 mm  
112 in x 61 in x 76 in



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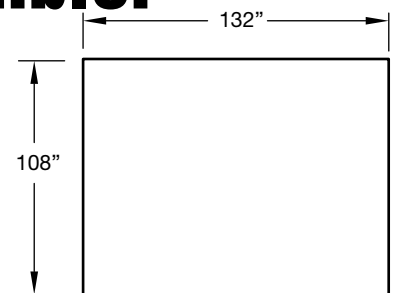
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## Automatic Pocket Spring Assembler

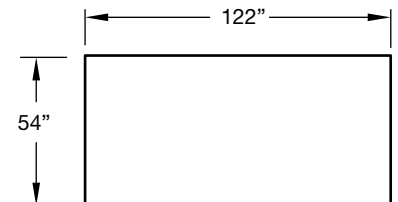
- Controlled by PLC, automatic and dependable performance.
- Assemble barrel or cylindrical pocket springs, parallel or offset.
- Continuous or interrupted glue-extruding mode according to requirement; save up to 70% glue cost when interrupted gluing mode selected.
- Assemble with or without upper and lower non-woven fabric.
- Equipped with modem for the convenience of remote control, supervision, program modification and updates.



## Model 1314M Micro Pocket Assembler



Micro



Patent Pending

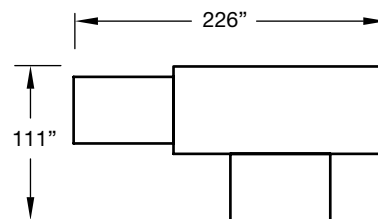


# Model 1316



## Spring Unit Roll-Pac Machine

- Pocket coil units without border wire may be roll packed.
- Controlled by PLC and touch screen.
- Automatic, stable performance.
- Variable speed for feeding pocket coil spring unit.



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## Air Table Extensions

- Adds 18" to sides of standard single air table
- No-Snag corners, easy to handle and turn panels
- Improved handling
- Keeps material on table
- Stainless Steel
- Easily retrofit AAC standard single air table

# Model 1346

Rugged construction

Stainless steel top

Shelf for supplies

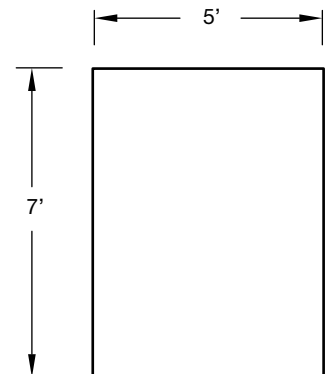
Stationary when desired,  
rotary when needed

Pull handle  
for rotation

Adjustable  
height

## Build-up Table

- Queen-size top standard - stainless steel
- Quick release locking mechanism for stationary or rotary operation
- Adjustable height with safety pin
- Rugged steel base with leveling feet
- Low-cost, long lasting
- Convenient storage shelf for supplies
- Guaranteed to outlast every build-up table on the market today
- Pneumatic table lift optional



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6,202,579; 6,279,869; 6,295,481; 6,494,255; 6,802,271; 6,574,815 B2; 6,834,603 B1; 6,968,794 B1  
Foreign patents: 9-520,472; 0,537,323; 92,905,522.6; 96,936,922.2; 2,076,379; 2,084,055.  
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Lawrenceville, GA 30045  
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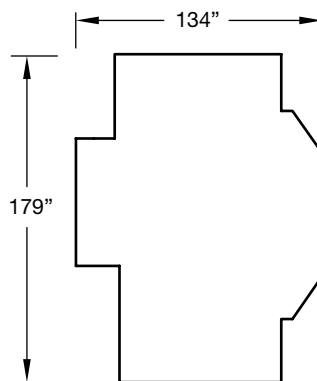


# Tape Edge (Automatic)

**Singer®** ...  
**Your choice for over 150 years**



- Simple conveyor design allows for easy belt replacement (approximately 1 hr.)
- Electronic needle positioning (no synchronizer)
- Rugged steel frame construction
- Patented Serial Bus Control System (Unconditionally guaranteed for 3 years)
- High lift (7/16") walking presser foot feeding system
- Singer 300UX5 sewing head
- AAC guarantees all expendable replacement parts will be shipped within 72 hours or they will be **FREE\***!



Operator platform automatically raises and lowers with sewing head to maintain operator's ergonomically correct height.

\* Contact sales for the recommended spare parts list and the model workstations covered.

Patent Pending

## Automatic Tape Edge Workstation

The speed of the sewing head can be independently adjusted by the operator for synchronizing head and belt (no more tugging)



After tape edging the first seam, the operator touches the screen, the mattress is automatically pushed clear of the head and the mattress is flipped and pushed back to the operator.



Automatic mattress flipping eliminates operator handling. Auto flipping mechanism can be installed on either end of workstation.



After flip, mattress is automatically relocated to the sewing head. No tugging by the operator.

Corner sewing speed is adjustable by operator. The mattress always rotates correctly without the operator having to tug to keep the mattress in the binder

### Specifications:

Power Requirement:

220V single phase, 15 amp

Pneumatic Requirement:

Flow: 2.36 dm<sup>3</sup> sec / 5 scfm

Air Pressure: 5.5 bar / 80 psi

Space Requirement:

L 4.5m / 15ft, W 4m / 13ft, H 3m / 10ft

Weight: 1800 kg / 4000 lbs



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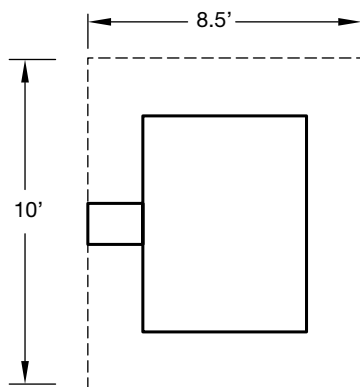
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# Tape Edge



Patent Pending



## Singer® for over 150 years

### Electronic Drive

**NEW Singer® sewing head  
designed for tape edge,  
not a used modified head.**

- 4" to 22" beds sewn with ease
- Power table lift & sewing head tilt
- Feather touch solid-state knee control
- Electronic braking, no maintenance
- Auto slow-down at corners tamper proof
- Push button carriage release built into handle
- Shock absorber for smooth corner transition
- Table travel 25" to 38", gives operator comfortable table height
- Stainless steel queen-size table top
- Stainless steel end cover on sewing head base
- Under table wiring meets UL standards
- Rugged steel frame & heavy-duty center column
- Standard block binders for woven tape in stock
- Custom binders available, 5-7 days
- High lift (7/16") walking presser foot
- Singer 300UX5 sewing head, standard replacement parts in stock

AAC Guarantees all replacement parts will be shipped within 72 hours  
or they will be **FREE!**



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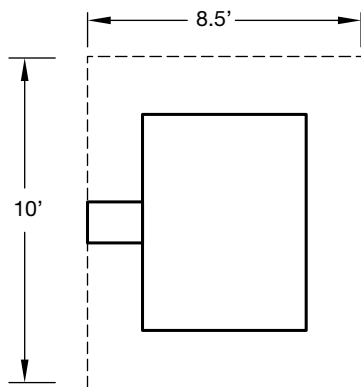
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# Tape Edge



Power glide™, Carriage is powered forward & reverse electronically at the touch of the control handle, Model 1345-3

Patent Pending

# Model 1345-3 & 1345-5

**AAC - The only company  
that can supply a **New SINGER**  
Tape Edge Sewing Head.**

**Singer®**  
for over 150 years

**Dual Servo 22"**

**NEW Singer® sewing head  
designed for tape edge,  
not a used modified head.**

- Dual electronic servo motors independently control sewing head speed & carriage movement. This eliminates the clutch and its maintenance
- Power table lift & sewing head tilt
- Micro speed adjustment for sewing head allows perfect synchronization with carriage
- Feather touch solid-state knee control
- Electronic braking, no maintenance
- Auto slow-down at corners, tamper proof
- Shock absorber for smooth corner transition
- Electronic needle positioning (no synchronizer)
- Table travel 25" to 38", gives operator comfortable table height
- Stainless steel queen size top
- Stainless steel end cover on sewing head base
- Under table wiring meets UL standards
- Rugged steel frame & heavy-duty center column
- Standard block binders for woven tape in stock
- Custom binders available, 5-7 days
- High lift (7/16") walking presser foot
- Singer 300UX5 sewing head, standard replacement parts in stock

## **Model 1345-3**

Power glide™, Carriage is powered forward & reverse electronically at the touch of the control handle.

## **Model 1345-5**

Push button carriage release in handle, operator repositions carriage manually.

**AAC Guarantees all replacement parts will be shipped within 72 hours  
or they will be **FREE!****



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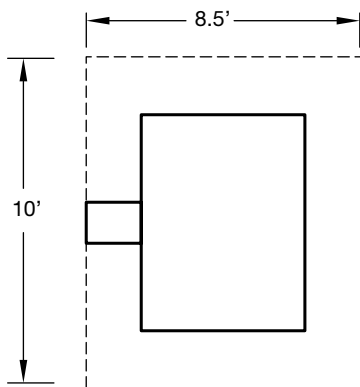
# Tape Edge

## With Power-Glide Carriage, Duo Servo Drive Motors

**AAC - The only company that can supply a **New SINGER** Tape Edge Sewing Head.**



**Tape 4"- 30" beds  
at correct ergonomic height**



High Lift  
presser foot 7/16"

Standard block binder  
or self tape folders

Stainless steel end  
cover - No rust

Stainless steel top:  
No rust  
No Maintenance

Table height:  
Low - 25"  
High - 38"

Lock-out, tag out  
power disconnect

Under table wiring,  
meets UL Standards

Auto slow-down at  
corners (tamper proof) ,  
operator cannot disable

Heavy-duty center  
column & rugged  
steel frame

Patent Pending

# Model 1345-4 & 1345-6

Thinner Beds • Thicker Beds • More Beds



Singer 300UX5 sewing head, standard replacement parts in stock

Electronic needle positioning (no synchronizer)

Tamper proof programmable electronic servo motor for sewing head speed (control cabinet with key lock)

Power telescope lifts sewing head 10"



Convenient front mounted controls

Power table  
Power tilt  
Power head lift

Micro speed adjustment for sewing head allows perfect synchronization with carriage



Power Glide™

Carriage is powered forward & reverse ergonomically correct, Model 1345-4

No clutch, no problem

Shock absorber for smooth corner transition

Feather touch solid-state knee control

Tamper proof programmable electronic servo motor for carriage movement (control cabinet with key lock)

Electronic braking, no maintenance

AAC Guarantees all replacement parts will be shipped within 72 hours or they will be **FREE!**

# Tape Edge



Designed by **Singer**® and AAC for tape edge operation.  
Not a used modified head!

Replacement head fits all brands of tape edge frames  
without modification.

AAC Guarantees all replacement parts will be shipped  
within 72 hours or they will be **FREE!**



## Single Needle, Two Thread, Chainstitch Machine

**Singer®**  
Your choice  
for over 150 years

**AAC - The only company  
that can supply a **New SINGER**  
Tape Edge Sewing Head.**

Whether the task at hand is the sewing of apparel, bedding, or delicate lingerie, Singer remains the standard.

As the company has expanded globally, one theme has remained constant - maintaining and enhancing Singer's reputation for high quality parts and machines.

### SPECIFICATIONS

Feed Type: .....	Compound Feed & Alternating Presser Feet
Number of Needles: .....	1
Maximum Speed: .....	3000 S.P.M.
Maximum Stitch Length: .....	7.6 mm
Clearance Under Presser Foot: .....	11.0 mm (7/16")
Needle Bar Stroke: .....	36.5 mm
Distances: .....	From needle to left side of machine bed is 6.9 mm Space to right of needle is 254 mm
Parts:	
Needle .....	Catalog Number 4112-01
Regular Fittings .....	Feed Dog ..... 559061 Throat Plate ..... 559060 Lifting Presser Foot ..... 559059 Vibrating Presser Foot ..... 559057



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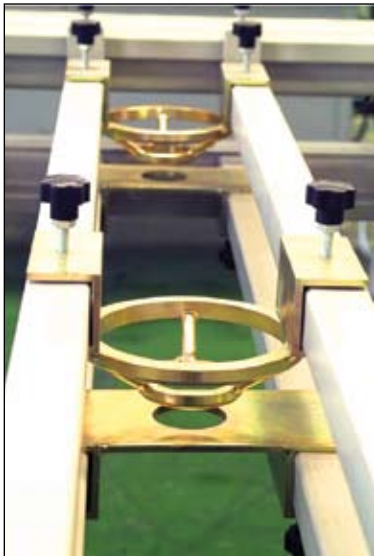
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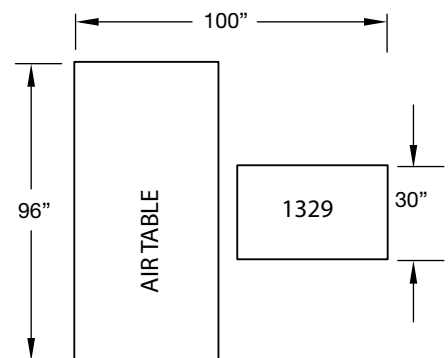
# Tufting





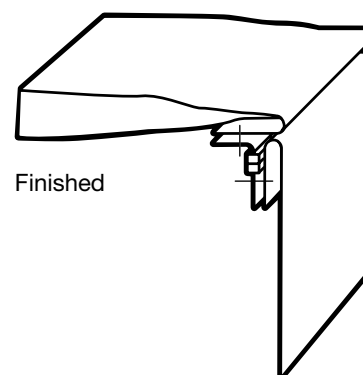
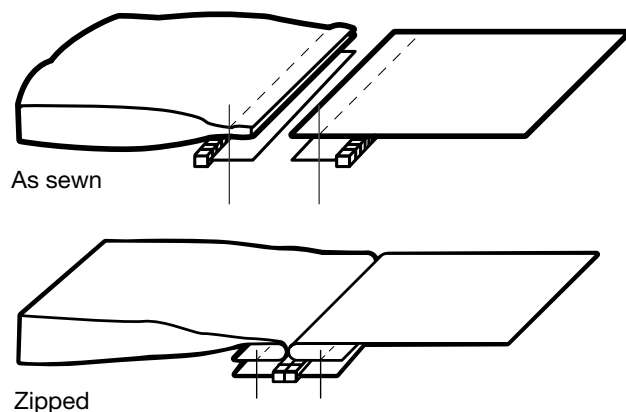


# Zipper



## Semi-Automatic Attach Zipper to Panel & Border

- Pre-made zippers
- Heavy-duty double needle sewing head
- Walking foot/needle feed
- Pucker free zipper
- Auto footlift
- Electronic needle positioner without synchronizer
- Simple operation / high speed concealed lockstitch
- Futons, pillows, mattresses, mattress pads & covers



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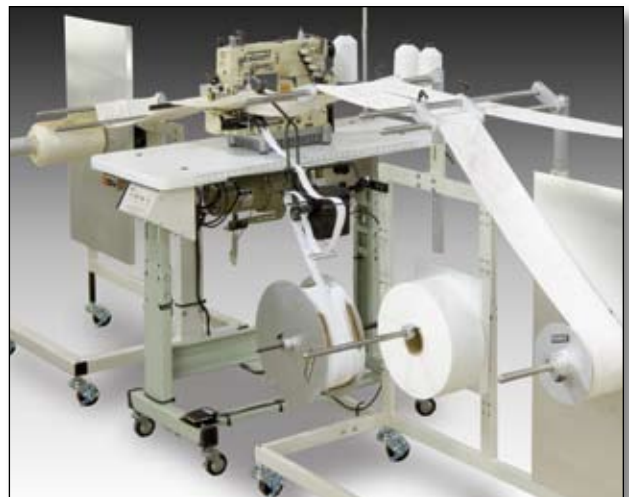
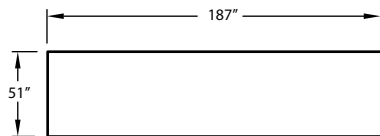
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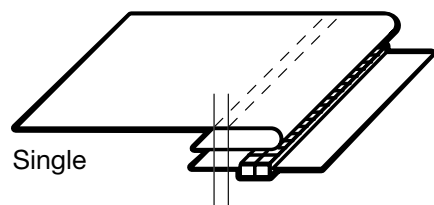
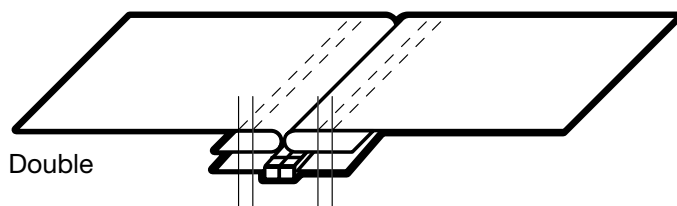
# Zipper





## Auto Border Zipper Workstation

- Concealed or exposed zipper
- Roll fed or pre-made to length zippers
- Auto stops for material depletion
- Auto thread-break detection (optional)
- Adjustable width borders
- Symmetrical or asymmetrical zipper placement on borders
- Single or double operation
- Single operation allows tape edge operator to tape edge zipper to top panel



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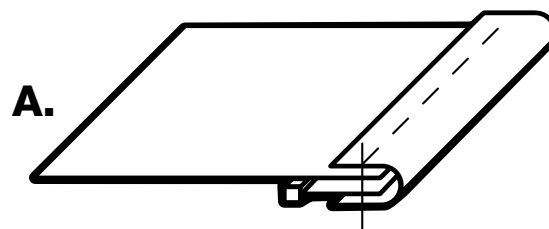
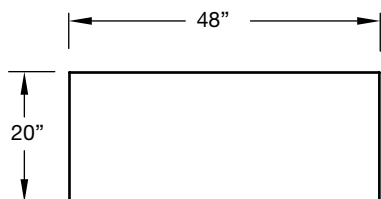
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## Zipper Set-Up - PANELS

Operator binds one half of pre-made zipper to panel.

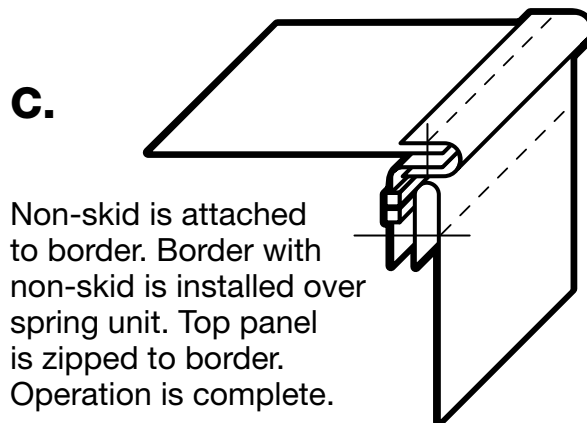
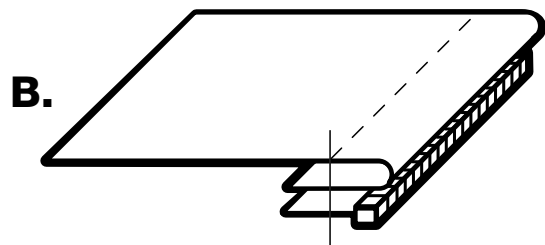
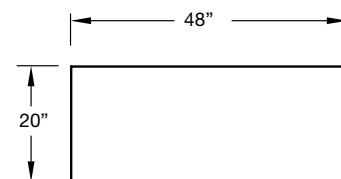


# Model 1330B



## Zipper Set-Up - BORDERS

Operator hems border while attaching 2nd half of pre-made zipper.



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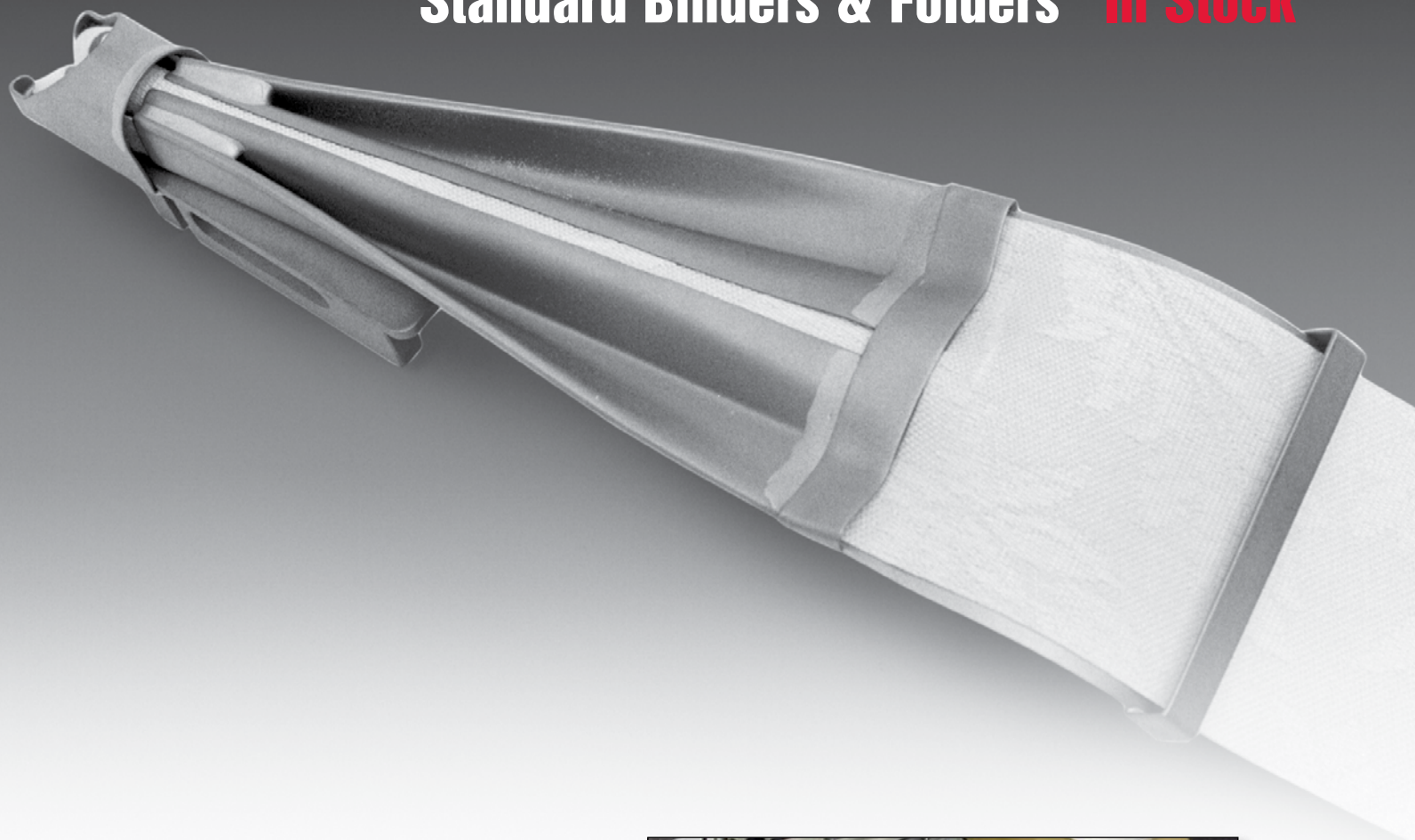
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# Attachments & Folders

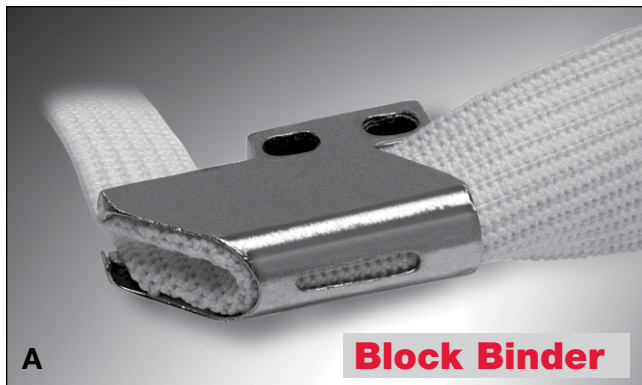
Standard Binders & Folders **“In Stock”**



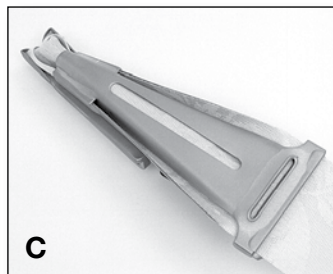
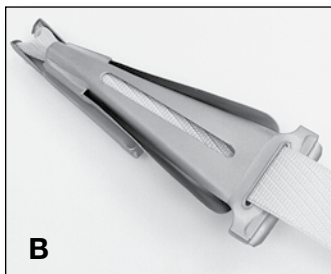
**Custom Made  
5-7 Days**



# For Tape Edge, Gusset and Handles

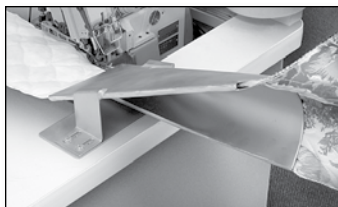
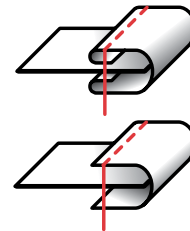


**All Standard Sizes**  
**"In Stock"**

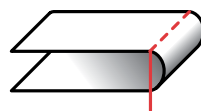


## **Tape Edge 199-E**

Dual purpose tape edge binding attachment. No longer necessary to change binders. **A & B.** Used with pre-woven tape **C.** Used with self-binding material



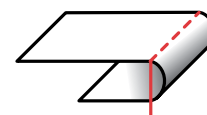
## **Gusset 404-A**



Gusset Making



Offset gusset up



Offset gusset down

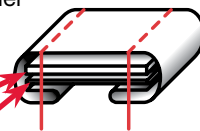
## **Handle**

### **406L**



Downturn handle folder clean finish with filler and woven backing.

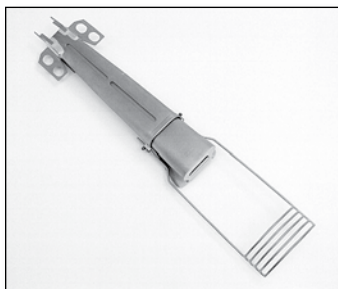
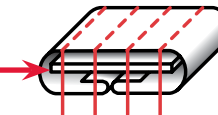
Filler  
Backing



### **406-1**

Downturn clean finish handle folder with filler.

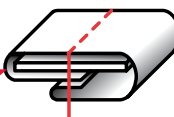
Filler



### **405-BL-1**

Downturn clean finish handle folder with filler. Machine equipped with a puller or walking foot.

Filler



### **413L**

Downturn handle folder with filler and serged edge.

Filler

Serge



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(770) 963-7369 • FAX (770) 963-7641



# Climate Control

## Portable Evaporative Cooling

Attach a garden hose, plug it in and cool down up to 26°!

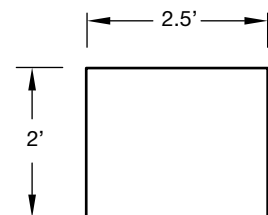
- Two Piece Housing  
Constructed of thick, roto-molded, corrosion free polyethylene. Won't leak and will never rust!
- Thick Evaporative Pads  
Glacier-Cor® SS SuperSaturating™ cooling pads provide high efficiency cooling.
- Enclosed Heavy-duty Fan Motor for long maintenance-free life and quiet operation.
- High Efficiency Water Pump  
Maintenance free, cast aluminum submersible pump.
- Float, Water Lines & Fittings  
All made of corrosion free material for long life and low maintenance.

### Available in 3 Models:

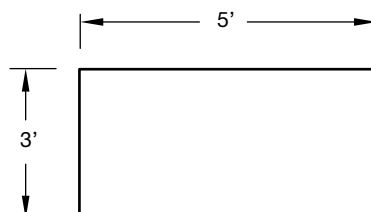
1. **Model CS5-162D**  
**16" Fan**  
2-Speed  
Direct Drive  
500 sq. ft avg. cool area
2. **Model CS5-361D**  
**36" Fan**  
1-Speed  
Direct Drive  
2500 sq. ft avg. cool area
3. **Model CS5-363B**  
**36" Fan**  
3-Speed  
Belt Drive  
2500 sq. ft avg. cool area



**16" Fan**



**36" Fan**





# Material Handling



## Z Rack



**In Stock**  
**Same Day Shipment!**



## Mattress Trucks

**It only takes one person to move any size mattress or foundation!**

Mattress is loaded in a vertical position then lowered to the 4 wheel position for easy rolling.



### Double Mattress

- Easily transports two mattresses or a mattress & foundation.
- 500 lbs. load capacity
- 5" rubber casters - 2 swivel and 2 rigid
- Holds up to 2 king size mattresses
- Maximum width of mattresses: 2 @ 14.5"

Height	Length	Width	Weight
38"	60"	32"	59 lbs



### Single Mattress

- 500 lbs. load capacity
- 2-8" rigid and 2-5" swivel casters
- 36" rail height above floor to hold mattress
- Maximum width of mattress: 14"

Height	Length	Width	Weight
36"	63"	20"	71 lbs



Website: [www.atlatt.com](http://www.atlatt.com) email: [sales@atlatt.com](mailto:sales@atlatt.com)

This equipment is protected by one or more of the following patents:  
US patents: 4,280,421; 4,432,294; 4,466,367; 4,644,883; 5,134,947; 5,159,889; 5,203,270; 5,522,332; 5,524,563; 5,562,060; 5,634,418; 5,647,293; 5,657,711; 5,743,202; 5,865,135; 5,899,159; 5,915,319; 5,918,560; 5,979,345; 6,035,794; 6,055,921; 6,202,579; 6,279,869; 6,295,481; 6,494,255; 6,802,271; 6,574,815 B2; 6,834,603 B1; 6,968,794 B1  
Foreign patents: 9-520,472; 0,537,323; 92,905,522.6; 96,936,922.2; 2,076,379; 2,084,055.  
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The **Sudden Service™** Company

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# Satelite Plus

**SATELITE PLUS** is the most complete plant information and control system available. It is a computer based data collection and information processing system which improves productivity, automates payroll, controls work in-process, and improves supervisor and management effectiveness. It promotes better quality, customer service and employee morale.

**SATELITE PLUS** is a turn-key system which includes state-of-the-art hardware and computers, field-proven software, installation, training and support, and backed by the good name and services of **Atlanta Attachment Company**.

**SATELITE PLUS** delivers dollars to your bottom line. Actual experience shows that **COST SAVINGS** can pay for the system and yield return to your company almost from the first day it is installed. This system has the capability of making almost every bedding manufacturer more competitive and a better supplier. Best of all, **SATELITE PLUS** is evolutionary. It fits within the conventional bedding factory, without requiring massive changes or placing unreasonable demands on the way your business operates.

## We Make the Connection



## WHAT DOES SATELITE PLUS REAL-TIME DO?

**SATELITE PLUS** is a real-time payroll and production control system that provides powerful tools to put management completely in control of the factory:

- **OPERATOR FEEDBACK and MOTIVATION** - Real-time terminals provide accurate input from the operators on the factory floor and output immediate motivational information to improve the productivity of each piecework employee.
- **AUTOMATIC PAYROLL** - Eliminates time clocks, coupons, and gumsheets.
- **PRODUCTION BALANCING** - Provides constant production and work-in-progress information, predicts problems, suggests solutions, and actually simulates transfers to help select the best alternative.
- **REAL-TIME EXCESS COST INQUIRIES** - Show all excess costs as they occur.
- **PERFORMANCE** - Maintains historical operator performance data on each operator.
- **ACTUAL COSTING** - shows the production cost of each style, including a breakdown of excess costs by cause. This enables accurate product cost evaluation based on actual factory experience.

## WHY SHOULD YOU BUY SATELITE PLUS?

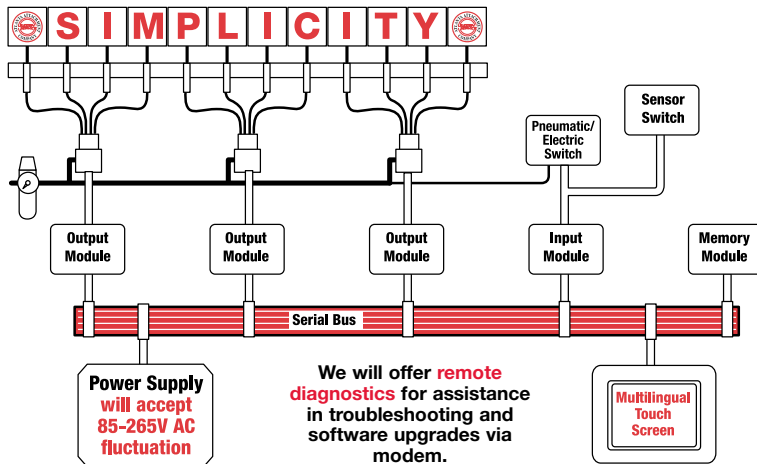
### TO MAKE MONEY

The overriding reason for installing **SATELITE PLUS** is that it **PAYS**. This is a truly cost-effective investment which you cannot afford to overlook.

Why not let us prepare a payback analysis for you today? After all, if profit performance could be improved in your plant, wouldn't you agree it is costing you more money every day you don't take action? We can help! Analysis shows that the system can have significant return in the following areas:

- Improved operator performance
- Reduced handling cost
- Reduced payroll computational errors
- Elimination of lost time at the time-clocks
- Reduced excess labor costs
- Elimination of gummed sheets
- Reduced cost of ticket printing
- Reduced cost of gross and net payroll computation
- Reduced work-in-process inventory
- Improved line balancing

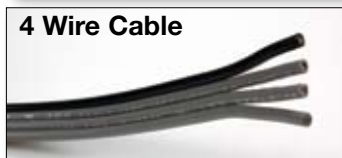
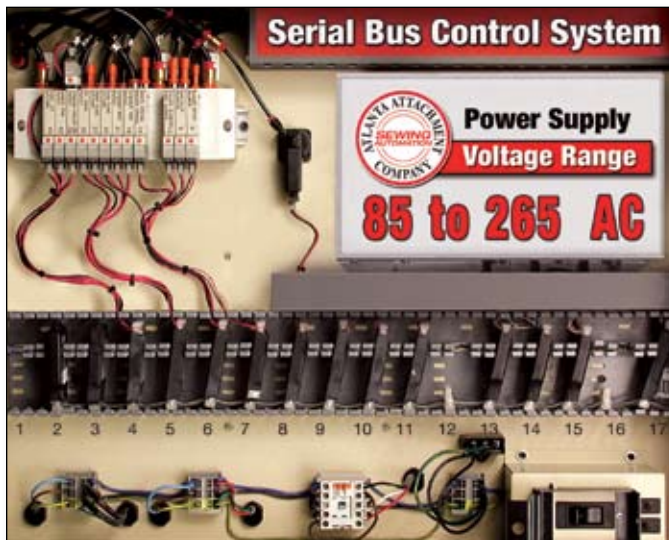
# Serial Bus Control System



## Automated Sewing Equipment with the Patented Serial Bus Control System

Our new Serial Bus Control System is a quantum change for our automated sewing equipment **and** the sewn products industry. Our Serial Bus System, based on only four wires, is self-diagnostic and offers helpful solutions to solve the problem.

An operator using a touch screen control panel manages this rugged, uncomplicated system. Designed to international standards, this multi-lingual, easy to operate interface will allow numerical parameters to be saved, allow technician access with password protection and offers a built-in production performance monitor which can be networked to a central computer.



4 Wire Cable



Controller



Power Supply



Modules & Taps

## Unconditional Warranty 3 Years Unconditional... Period!

A warranty is a fulfillment promise to be honored with pride. At Atlanta Attachment Company we are proud to honor our new 3 Year Warranty which is unsurpassed in the industry. This warranty covers all electrical components of the state-of-the-art Serial Bus Control System used on our Automated Sewing Workstations.

Patented



Website: [www.atlatt.com](http://www.atlatt.com) email: [sales@atlatt.com](mailto:sales@atlatt.com)

This equipment is protected by one or more of the following patents:  
 US patents: 4,280,421; 4,432,294; 4,466,367; 4,644,883; 5,134,947; 5,159,889; 5,203,270; 5,522,332; 5,524,563; 5,562,060;  
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**Sudden Service®**

\* Contact sales for the recommended spare parts list and the model workstations covered.

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**Choice!**



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