

Manufacturing Equipment 2018

for the Furniture Industry



a Division of
HSM



72 Hours or FREE* Policy

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!

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

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 these assets 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.



Atlanta Attachment Company

Innovative Technology for
the Sewn Products Industry Worldwide

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18044062618

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JUKI®

 **MITSUBISHI**

SINGER®

TYPICAL

VETRON



Corporate Headquarters, Sales, Engineering & Service

Atlanta Attachment Company is a global supplier of sewing workstations, automated sewing equipment, folders, attachments and other labor saving devices for the apparel industry. Our equipment is built from the highest quality materials and with dedicated workmanship. The Atlanta Attachment brand is well known throughout the sewn products industry for its innovative technology.

Our line of apparel production equipment is developed for working with materials such as knit, woven and synthetic. A few of the many products sewn include placket shirts, circular collar and flat collar tee-shirts. AAC offers many sewing workstations for sweatshirts, sweatpants, and hooded sweatshirts. Equipment is also available for producing mens and ladies underwear, blouses and pajamas. More equipment is available for sewing drapery, caps and aprons. Multi-head embroidery equipment can be used for items needing personalization.

AAC stocks a wide variety of sewing machine attachments and folders but from it's inception has specialize in custom sewing machine folders. The Atlanta Parts Depot division delivers one-stop shopping for replacement sewing machine parts.

Our manufacturing facility in Lawrenceville Ga, USA is capable of handling any type of fabrication needed for our equipment.

- Engineering & Design
- Mechanical Assembly
- Electronic Assembly
- Electrical Assembly
- Sub-assembly
- CNC Milling up to 120"
- CNC Lathe
- Manual Milling
- Manual Lathe
- Surface Grinding
- Metal Fabrication
- Metal Finishing
- Tube Bending
- Cutting: Laser, Plasma, Water Jet
- Heat Treating
- Welding
- Painting
- Warehousing
- Distribution & Installation





Location

362 Industrial Park Drive
Lawrenceville, GA 30046 USA
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Atlanta Attachment Company

is a 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.



QR Code for quick accesses
to our location in google maps.

Sales



Hank Little
President



Randy Clark
VP Midwest Sales



Eugenio Fonts
VP International Sales



Darrell Miller
Regional Sales Manager



Eric Iverson
Regional Sales Manager



John Price
VP Folder Division



Sandra Morrison
Director of Corporate Admin.



Jose Pulido
Latin America Sales



Michael Sewing
Automotive & Furniture Sales

Inside Sales



David Wall
Inside Sales



Scott Ake
Inside Sales



Michael Leathers
Inside Sales



Todd Price
Inside Sales





William Richey
VP Customer Service



Jurgen Van Osch
Service Manager



Faye Williams
Customer Service
Executive Assistant



Jeff Moore
Service Technician



Jim Loewen
Service Technician

Technical Support

Languages Represented:

Other than English



Jose Ortiz
Service Technician



Brett Button
Service Technician



Frank Campos
Service Technician



Justin Ozbolt
Service Technician



Ryan Golden
Service Technician

 Portuguese

 German

 Dutch

 Afrikaans

 Spanish



Roberto Fernandez
Service Technician



Adam Broich
Service Technician



Craig Reichart
Service Technician



Marty Rudolph
Service Technician



Rene Montano
Service Technician

Industrial Sewing Machines for the Furniture Industry

Industrial sewing equipment backed
by our unparalleled **Sudden Service®**





Flatbed Lockstitch

Images may include options.









Juki LU-1510N-7

1-needle, Unison-feed, Lockstitch, Machine with Vertical-axis Large Hook

The machine demonstrates sewing capabilities best suited for sewing furniture assemblies of light-weight to heavy-weight materials without using any additional devices. The machine prevents fabric yarn breakage when using a thin needle. The machine is able to perform low-tension sewing where less load is applied to the material.



Technical Information

	Single needle
	Lockstitch
	Flat bed
	Bottom feed, needle feed and alternating feed
	Underbed thread trimmer
	Automatic presser footlift
	Seam backtacking, automatic
	Vertical hook extra large

SPECIFICATIONS	
Max Sewing Speed (rpm)	2,000
Max Stitch Length (mm)	7
Presser Foot Height (mm)	Auto: 16
Needle System	135x17, SY3355 (Nm120) Nm100~Nm130
Thread	TEX 50~135



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Flatbed Lockstitch









Juki

LU-1560N-7

2-needle, Unison-feed, Lockstitch Machine with Vertical-axis Large Hooks

The two-needle machine with a thread trimmer offers basic performance that is ideally suited to sewing heavy materials. The machine utilizes a new mechanism that does not change the ratio of the alternate vertical movement of the walking foot and presser foot, even when the material thickness changes. The mechanism helps prevent slippage between the upper and lower materials even when a heavy material is used.

Technical Information

	Two needle
	Lockstitch
	Flat bed
	Bottom feed, needle feed and alternating feed
	Underbed thread trimmer
	Automatic presser footlift
	Seam backtacking, automatic
	Vertical hook extra large

Images may include options.



SPECIFICATIONS	
Max Sewing Speed (rpm)	2,500
Max Stitch Length (mm)	9
Presser Foot Height (mm)	Auto: 16 By knee: 16
Needle System	135x17 (Nm160) Nm125~Nm180
Thread	#30~#5, B46~B138, Nm=60/3~20/3



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Flatbed Lockstitch

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Juki

LU-2260N-7

High-speed, 2-needle, Unison-feed, Lockstitch Machine with Vertical-axis Large Hooks

The vertical strokes of the presser foot and walking foot (their alternating vertical movement) can be easily changed using a large dial mounted on the top surface of the machine head. In addition, the sewing speed is automatically adjusted with the set value. With this feature, ideal sewing conditions are maintained at all times.



Technical Information

	Two needle
	Lockstitch
	Flat bed
	Bottom feed, needle feed and alternating feed
	Underbed thread trimmer
	Automatic presser footlift
	Seam backtacking, automatic
	Vertical hook extra large

SPECIFICATIONS	
Max Sewing Speed (rpm)	3,500
Max Stitch Length (mm)	6
Presser Foot Height (mm)	Auto: 16
Needle System	134x35R (Nm140), Nm110~Nm160
Thread	#20~#5, B69~B138, Nm=40/3~20/3



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Flatbed Lockstitch









Juki

LU-2810ESAL-7

Semi-dry Direct-drive High-speed, 1-needle, unison-feed, lockstitch machine with vertical-axis large hook

This sewing machine is best-suited to the sewing of multi-layered materials and rigid materials for furniture assemblies. Maximum sewing speed is increased. These models of sewing machines have adopted a 800-WDD (direct-drive) motor which uses a new control box to increase the torque, thereby providing the needle with an increased penetration into materials.

Technical Information

	Single needle
	Lockstitch
	Flat bed
	Bottom feed, needle feed and alternating feed
	Underbed thread trimmer
	Automatic presser footlift
	Seam backtacking, automatic
	Vertical hook extra large

Images may include options.



SPECIFICATIONS	
Max Sewing Speed (rpm)	3,800
Max Stitch Length (mm)	12
Presser Foot Height (mm)	Auto: 20, By hand:10
Needle System	135x17 (Nm160) Nm125~Nm200
Thread	#30~#0, Nm=60/3~9/3



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Flatbed Lockstitch

Images may include options.

Typical

TW1-898-D2-T3 TW2-898-D2-T3

One needle compound feed machine

- Automatic thread trimmer, presser foot lift, back tack
- 2 recallable stitch lengths
- Recallable top foot stroke and automatic speed adaption



SPECIFICATIONS	TW1	TW2
Max Sewing Speed (rpm)	3,500	2,500
Max Stitch Length (mm)	9	
Presser Foot Height (inch)	9/16	
Needle System	135x17, SY3355 Nm160	
Thread	20/3	

Technical Information

	Single needle
	Lockstitch
	Flat bed
	Bottom feed, needle feed and alternating feed
	Underbed thread trimmer
	Automatic presser footlift
	Seam backtacking, automatic
	Vertical hook extra large



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Flatbed Lockstitch

Vetron









5000 - 5010

5020 - 5030

Compound Feed Machine

- All machine settings are programmable and storable: stitch length, sewing feet pressure, top feed stroke, needle thread tension, clearance under the sewing feet
- All control elements including bobbin winder, electronic hand wheel and reverse button are placed at the head module in the user's direct field of view
- Fast and precise set-up of the machine thus recall of a stored machine set-up
- Integrated, electric bobbin winder (continuous winding process even when machine stops)
- Tilt-assistant for easy cleaning and maintenance
- Integrated motor
- No use of compressed air
- User identification by USB-dongle
- Permanent measurement of material thickness thereby dynamic adjustment of needle thread tension, top feed stroke, sewing speed and sewing feet pressure

Technical Information

	Single needle on 5000 - 5010
	Two needle on 5020 - 5030
	Lockstitch
	Flat bed
	Bottom feed, needle feed and alternating feed
	Seam backtacking, thread trimming and sewing footlift, automatic
	Vertical hook large
	Vertical hook extra large

Images may include options.



SPECIFICATIONS	
Max Sewing Speed (rpm)	4000
Max Stitch Length (mm)	12
Presser Foot Height (mm)	20
Needle System	134-35, 90-180
Thread	10/3



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Flatbed Lockstitch Long Arm

Images may include options.

Juki

LU-2216N-7 LU-2266N-7

Long-arm, Unison-feed, Lockstitch Machine with Vertical-axis Large Hook

Based on the market-proven design of the LU-2210N-7 and - 2260N-7 Series, the LU-2216N-7 / -2266N-7 are developed with a longer distance from the machine arm to needle ... a full 650mm. The long arm unison-feed lockstitch machine with vertical-axis large hook with automatic thread trimmer is best suited to processes that require a longer distance from the machine arm to needle, such as reinforcement stitching and topstitching in tape attachment processes for sewing furniture or car seats.



Technical Information



Lockstitch

Extended head

Bottom feed, needle feed and
alternating feed

Seam backtacking, thread trimming
and sewing footlift, automatic

Vertical hook large

SPECIFICATIONS	LU-2216N-7	LU-2266N-7
Max Sewing Speed (rpm)	3,000	
Max Stitch Length (mm)	9	6
Presser Foot Height (mm)	Auto: 16	
Needle System	134x35R (Nm140) Nm110~Nm160	
Thread	#30~#4, B46~B138 Nm=40/3~20/3	#20~#5, B69~B138 Nm=40/3~20/3



LU-2216N-7
Single Needle



LU-2266N-7
Two Needle

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Flatbed Lockstitch Long Arm

Vetron

5100 - 5110

5120 - 5130

Compound Feed Machine

- All machine settings are programmable and storable: stitch length, sewing feet pressure, top feed stroke, needle thread tension, clearance under the sewing feet
- All control elements including bobbin winder, electronic hand wheel and reverse button are placed at the head module in the user's direct field of view
- Fast and precise set-up of the machine thus recall of a stored machine set-up
- Integrated, electric bobbin winder (continuous winding process even when machine stops)
- Tilt-assistant for easy cleaning and maintenance
- Integrated motor
- No use of compressed air
- User identification by USB-dongle
- Permanent measurement of material thickness thereby dynamic adjustment of needle thread tension, top feed stroke, sewing speed and sewing feet pressure

Technical Information



Single needle on **5100 - 5110**



Two needle on **5120 - 5130**



Lockstitch



Flat bed



Bottom feed, needle feed and alternating feed



Seam backtacking, thread trimming and sewing footlift, automatic



Vertical hook large



Vertical hook extra large

Images may include options.



SPECIFICATIONS	
Max Sewing Speed (rpm)	3000
Max Stitch Length (mm)	12
Presser Foot Height (mm)	20
Needle System	134-35, 90-180
Thread	10/3



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Flatbed Chainstitch

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Singer 300U194






**Heavy duty, Single Needle,
Two Thread, Double
Chainstitch Sewing Machine,
with Unison Feed**

- High Speed
- In-line Loopers
- Unison feed, (bottom feed, needle feed, alternating presser feet)
- Semi-Automatic Lubrication



SPECIFICATIONS	
Max Sewing Speed (rpm)	4000
Max Stitch Length (mm)	1-8
Presser Foot Height (mm)	11
Needle System	62 x 59

Technical Information

	Single needle
	Double chainstitch
	Flatbed
	Bottom feed, needle feed and alternating feed
	Looper, in-line



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Post Bed Lockstitch

Juki

PLC-1710-7 PLC-1760-7

Post-bed, Unison-feed, Lockstitch Machine

This machine with a thread trimmer utilizes a basic performance which matches best to the sewing of heavy materials such as car seats and furniture. The vertical strokes of the presser foot and walking foot (amount of alternating vertical movement of the walking foot and presser foot) can be easily changed using the large dial mounted on the top of the machine head.

Images may include options.



SPECIFICATIONS

Max Sewing Speed (rpm)	2,500
Max Stitch Length (mm)	9
Presser Foot Height (mm)	Auto: 16
Needle System	134x35 (Nm140) Nm110~Nm160
Thread	#30~#5, B46~B138, Nm=60/3~20/3

Technical Information



Lockstitch

Post bed

Bottom feed, needle feed and
alternating feed

Seam backtacking, thread trimming
and sewing footlift, automatic

Vertical hook large



PLC-1710-7
Single needle



PLC-1760-7
Two needle

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Post Bed Lockstitch

Images may include options.

Juki

PLC-2710-7 PLC-2760-7

Post-bed, Unison-feed, Lockstitch Machine

The PLC-2710-7 is the most-advanced sewing machine which is best-suited to the sewing of heavy weight materials sewing processes such as arm rests, tight corners in furnishings, sofas and sports goods. The long distance from the machine arm to the needle contributes to improved workability.



SPECIFICATIONS	
Max Sewing Speed (rpm)	2,500
Max Stitch Length (mm)	12
Presser Foot Height (mm)	By hand: 10, Auto: 20
Needle System	135×17 (Nm140), Nm100~Nm180
Thread	#30~#5, B46~B138, Nm60/3~18/3

Technical Information



Lockstitch

Post bed

Bottom feed, needle feed and
alternating feed

Seam backtacking, thread trimming
and sewing footlift, automatic

Vertical hook large



PLC-2710-7
Single needle



PLC-2760-7
Two needle

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Atlanta Attachment Company

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Post Bed Lockstitch

Vetron

5300

5320

Post-bed, Unison-feed, Lockstitch Machine

- All machine settings are programmable and storable: stitch length, sewing feet pressure, top feed stroke, needle thread tension, clearance under the sewing feet
- All control elements including bobbin winder, electronic hand wheel and reverse button are placed at the head module in the user's direct field of view
- Fast and precise set-up of the machine thus recall of a stored machine set-up
- Integrated, electric bobbin winder (continuous winding process even when machine stops)
- Tilt-assistant for easy cleaning and maintenance
- Integrated motor
- No use of compressed air
- User identification by USB-dongle
- Permanent measurement of material thickness thereby dynamic adjustment of needle thread tension, top feed stroke, sewing speed and sewing feet pressure

Technical Information



Single needle on **5300**

Two needle on **5320**

Lockstitch

Post bed

Bottom feed, needle feed and alternating feed

Seam backtacking, thread trimming and sewing footlift, automatic

Vertical hook large

Images may include options.



SPECIFICATIONS	
Max Sewing Speed (rpm)	2500
Max Stitch Length (mm)	12
Presser Foot Height (mm)	20
Needle System	134-35, 90-180
Thread	10/3



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Programmable Pattern Tacker

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Atlanta Attachment

1353LF

Large Field Programmable Pattern Tacker

- Extra Large Sewing Field 78" x 40"
- Tooling recognition (bar code) with automatic pattern selection
- Touch Screen Operation
- Can be programmed directly by way of the touchscreen on board the machine, but also through PC software which allows for greater detail control with expanded features and import options
- Depending on tooling, labels or handles can be positioned on top of the border and sewn in place. In some cases, items such as labels can be sewn with the item below the border.
- Maximum storage of 200 different patterns
- Gear belt transmission of the sewing carriage for smooth, controlled, operation.
- Quiet operation and simple maintenance.
- Precision drive with AC Servo control for positioning accuracy
- Heavy Duty Thread trimming system with Large Capacity bobbin



SPECIFICATIONS / ESPECIFICACIONES

Max sewing speed (rpm)	2,500
Factory preset speed (rpm)	1,800
Needle system	SN135X1722
Needle size	22-130
Sewing field (cm)	200 x 100
Weight of material	LIGHT / MEDIUM
Voltage (v/ph/hz)	220 1P 60HZ
Power (watts)	1,400
Motor type	Servo
Air pressure (psi)	80
Air consumption (cfm)	1
Shipping weight (lbs)	1650
Shipping dimensions (w/l/h, inch)	55 x 102 x 55

Technical Information

	Single needle
	Lockstitch
	Extended head
	Horizontal hook, transversal, large
	CNC contour control



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Atlanta Attachment Company

The Company that
Sudden Service
built

Programmable Pattern Tacker

Images may include options.

Juki

AMS-221EN-2516

Computer-controlled Cycle Machine with Input Function

The sewing machine is best-suited to the sewing of large labels and emblems, the sewing of two or more pieces of small labels and emblems at one time, and the shape-tacking of bags and shoes. The sewing machine is applicable to a broad range of materials and processes, while leading the industrial sewing machine industry in terms of improvement in quality and the promotion of production that does not require sewing-machine operators to have special skills.



SPECIFICATIONS	
Max. Sewing Speed (rpm)	2,800
Stitch Length (mm)	0.1 ~ 12.7 (0.05 step)
Needle Bar Stroke (mm)	41.2
Needle Thread Tension	Active tension (electronic thread tension control mechanism)
Hook	Double-capacity shuttle hook
Data Storage Internal Memory	Max. 500,000 stitches, 999 patterns (max. 50,000 stitches / pattern)
Data Storage External Memory	Max. 50,000,000 stitches, 999 patterns (max. 50,000 stitches / pattern)
Bobbin Thread / Product Counter	Up / Down system (0~9,999)
Lubrication	Semi-dry / hook section: minute-quantity lubrication (tank system)
Sewing Machine Motor	AC servomotor 550W (direct-drive system)
Power	Single-phase, 3-phase 200~240V/450VA

Technical Information



Single needle

Lockstitch

Extended head

Horizontal hook, transversal, large

CNC contour control



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Programmable Pattern Tacker

Mitsubishi

PLK-G1010-K2 PLK-G2516

Programmable Sewing Machine

This machine uses USB memory for pattern storage as well as an internal memory. It is equipped with an on-board touch screen for making sewing patterns and customizing parameters. Programmable presser foot height control by stepping motor according to the material thickness. All sewing parts and electronic components are available.

Images may include options.



PLK-G2516

PLK-G1010-K2

Technical Information



Single needle

Lockstitch

Extended head

Horizontal hook, transversal, large

CNC contour control

SPECIFICATIONS	PLK-G1010-K2	PLK-G2516
Sewing Area (mm)	(X) 100 x (Y) 100	(X) 250 x (Y) 160
Stitch Type	Single Needle Lockstitch	
Speed	2,800 rpm (depending on operation)	
Feeding System	Intermittent or continuous	
Stitch Length (mm)	0.1 ~ 20.0	
Pattern Storage	Internal memory or external USB	
Max. Number of Stitches	20,000 stitches / pattern	
Max. Number of Patterns	512 patterns (internal memory)	900 patterns (internal memory)
Scale-up / Scale Down	10 ~ 200% for X and Y axis	
Hook	Large shuttle hook	
Needle	DPx17#18	
Work Holder Lift (mm)	Max. 25	Max. 30
Presser Foot Lift (mm)	Max. 18	Max. 15
Pattern Input	Touch screen (PLK-G-PAL)	
Main Driving Motor	750 W direct drive	
Power	220-240 V, 1 or 3 phases	

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Programmable Pattern Tacker

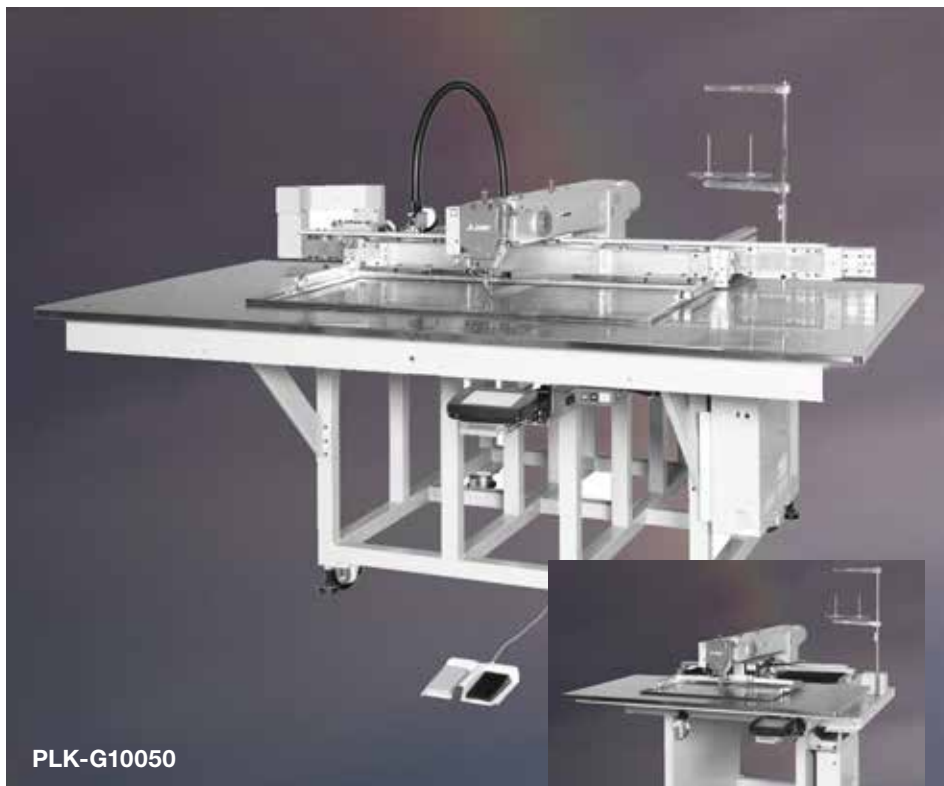
Images may include options.

Mitsubishi

PLK-G6030
PLK-G10050

Programmable Sewing Machine

This machine uses USB memory for pattern storage as well as an internal memory. It is equipped with an on-board touch screen for making sewing patterns and customizing parameters. Programmable presser foot height control by stepping motor according to the material thickness. All sewing parts and electronic components are available.



PLK-G10050

PLK-G6030



Technical Information



Single needle

Lockstitch

Extended head

Horizontal hook, transversal, large

CNC contour control

SPECIFICATIONS	PLK-G6030	PLK-G10050
Sewing Area	(X) 600 x (Y) 300 mm	(X) 1000 x (Y) 500 mm
Stitch Type	Single Needle Lockstitch	
Speed	2,000 rpm (depending on operation)	
Feeding System	Intermittent or continuous	
Stitch Length (mm)	0.1 ~ 20.0	
Pattern Storage	Internal memory or external USB	
Max. Number of Stitches	20,000 stitches / pattern	
Max. Number of Patterns	900 patterns (internal memory)	
Scale-up / Scale Down	10 ~ 200% for X and Y axis	
Hook	Large shuttle hook	
Needle	DPx17#18	
Work Holder Lifth (mm)	Max. 30	
Presser Foot Lifth (mm)	Max. 15	
Pattern Input	Touch screen (PLK-G-PAL)	
Main Driving Motor	750 W direct drive	
Power	220-240 V, 1 or 3 phases	

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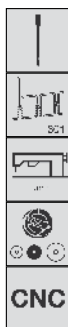
Mitsubishi PLK-J6040

Programmable Sewing Machine

- Simple set-up with one touch operation
- Optimum presser foot motion
- Fast and accurate
- Automatic tension adjustment
- Easy maintenance
- Replace bobbin from top side
- Easy to see, 6.5" color operations control panel
- Materials thickness confirmation function ensures proper material layers before sewing starts
- Superior energy savings
- Ethernet interface
- Barcode reader



Technical Information



Single needle

Lockstitch

Extended head

Horizontal hook, transversal, large

CNC contour control

SPECIFICATIONS	
Sewing Area (mm)	600 x 400
Stitch Type	Single-needle lockstitch
Speed (rpm)	Intermittent: 2,000 Continuous: 2,000
Feeding System	Intermittent or continuous (switchover method)
Stitch Length (mm)	01 to 20.0 (min. resolution 0.1)
Pattern Storage	USB Flash Memory
Max. Number of Stitches	20,000 / pattern
Max. Number of Patterns	9,000 (limited by number of stitches in pattern)
Hook	Shuttle (large) /rotary (large)
Needle	DPx17 #18
Work Holder	Chucking system
Programmable controller	Original step sequence function
Upper shaft motor	Mitsubishi electric 750W direct servo motor
Lower shaft motor	Mitsubishi electric 400W direct servo motor
Presser foot drive	Direct drive by stepping motor
Presser foot lift stroke	18.0mm (max. 24.0mm) variable in 0.1mm step
Presser foot stroke	Digital adjustment stroke: 0.0 to 10mm
Upper thread tensioner	Manual/automatic/setting on pattern (switchover)
Thread cut-able yarn count	#30 - #1
Oil lubrication	Spray method: Spray time adjustment
Power	200 to 240V 1PH/3PH 380 to 415V (optional)
Dimensions W x D x H (mm)	1,350 x 1,570 x 1,205

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Special Purpose - Border Boxing

Images may include options.

Atlanta Attachment 1947BX6

Border Boxing

- Operator friendly
- Cord width size is quickly adjusted with a release pin
- Left folder is fixed, only need to move the right folder, one needle and one looper thread
- Folders easily slide out on a drawer type rail system to allow access to sewing components
- Folder assembly is easily removed for sewing head maintenance, timing, etc
- Independent stepper driven puller allows for push button increases or decreases in material stretch
- Optional photocell controlled cutter is integral to the sewing unit and easily adjustable
- Efka servo motor drive system



Technical Information



- Multi needle
- Double chainstitch
- Bottom feed and top puller
- Looper, cross-line
- Automatic presser footlift
- Needle thread monitor

SPECIFICATIONS	
Max sewing speed (rpm)	2400
Factory preset speed (rpm)	2000
Max stitch length (spi)	6-7
Max needle distance (inch)	6
Needle system	62 x 57
Needle size	18/100
Weight of material	MEDIUM
Max presser footlift (inch)	3/8
Voltage (v/ph/hz)	220V 1PH 60HZ
Current (amps)	5
Motor type	EFGA DC
Air pressure (psi)	80
Air consumption (cfm)	1
Shipping weight (lbs)	980
Shipping dimensions (w/l/h, inch)	60 x 48 x 55

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Special Purpose - Labeling - Pressure

Images may include options.

PMF

1354-908

High Pressure Heat Press Machine

- Non-Stick coated heat plate
- Durable heating board
- Easy manually operated with electromagnetic release
- Full range adjustable pressure knob
- Digital temperature and time control with easy access
- Heavy duty Silicon pad capable of enduring high temperatures and pressures



SPECIFICATIONS	
Voltage (v/ph/hz)	230v 1ph
Current (KW) with 38 x 45 cm plate	2
Current (KW) with 40 x 50 cm plate	2.3
Main fuse	12A
Temperature range (F)	0-428
Time setting (min)	1-99:59
Maximum pressure (approx lbs)	2,315
Weight (lbs)	133

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Special Purpose - Labeling - Thermo

PMF

1354-950

Thermo-Label Transfer Machine

- Transfer of thermo-labels to woven and non-woven materials by reel-to-reel technology
- Simple operation and maximum safety
- Photo sensory locating control guarantees optimal accuracy for positioning of labels
- Change out time for tool and die are reduce to a minimum
- Pneumatic electronic temperature and application time controllers ensure a proper adjustment to the decal and material specifications
- The machines design allows use of diverse stationary and sliding tables

Images may include options.



SPECIFICATIONS	
Voltage (v/ph/hz) / Voltaje (v/ph/hz)	220V 1Ph 60Hz
Current (kVA) / Amperaje (kVA)	0.7
Motor type / Tipo de motor	DC 24V
Air pressure (psi) / Presión de aire (psi)	90
Air consumption (cfm) / Consumo de aire (cfm)	.1
Shipping Weight (lbs) / Peso de embarque (lbs)	705
Shipping Dimensions (w/l/h, Inch) / Dimensiones de embarque (w/l/h, pulgadas)	40 x 59 x 70



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Special Purpose - Labeling - Laser

Images may include options.

PMF

1354-1630

Laser Marking System

Laser marking system for large single transfer labels with individualized information such as serial number, bundle, batch production date, etc.

- 24 Styles of lettering (multilingual)
- Scan head with high-resolution optics
- Marking area up to 150 x 150 mm (depending on the lenses)
- Closed CO2 safety casing includes pneumatic advancing hand guard
- Software including data base for article management
- Exhaust unit includes activate charcoal filter



SPECIFICATIONS	
Voltage (v/ph/hz)	230v 1ph 50/60hz
Current (amps)	10
Air pressure (psi)	90

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Special Purpose - Stuffer






Atlanta Attachment 1458-CM110

Cushion Stuffer

- Made in USA
- Rust-resistant powder coated finish
- Two hand safety operation
- Custom built for seat to mattress cushions
- Quick fill cycle
- Simple one person operation
- Low maintenance
- Easy and quick adjustments
- Easy insertion of cover
- Selectable cover jog mode with foot pedal activated push cycle



Technical Information

	Single needle
	Lockstitch
	Extended head
	Horizontal hook, transversal, large
	CNC contour control

Images may include options.



Two handed operation

SPECIFICATIONS	
Hopper length (in)	38 or 50
Cushion width (in)	13 - 38 16 - 47 18 - 53
Cushion height (in)	2 - 4 4 - 8 5 - 10

Optional special size hoppers available on request.

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Special Purpose - Material Inspection

Images may include options.

Atlanta Attachment 1470

Material Inspection Station

- Automatic edge guide system for accurate rewinding in order to reduce selvage during cutting
- Reversing feature to allow rewinding with print side in or out, and fabric inspection in both directions
- Independent overhead lamp and rear light box with three illumination levels.
- Casters for mobility
- Automatic stop feature at end of roll
- Additional start/stop button in center of overhead lamp assembly

Technical Information

Independently controlled unwind and rewind cradles, with electronic synchronization for tension free rewinding without stretching for woven and knit fabrics, including Lycra® and other elastic materials.

- Roll widths up to 130 inches (3.3 m)
- Roll weights up to 330 lbs (150 kg)
- Roll diameters up to 18 inches (45 cm)



SPECIFICATIONS	
Max. fabric width (in)	98
Max. roll diameter (in)	24
Max. fabric weight (lbs)	330
Machine dimensions (w/l/h/, in)	69 x 114 x 75
Max. speed (fpm)	197
Machine weight (lbs)	1356
Voltage (v/ph/hz)	220v 3ph 60Hz
Shipping dimensions (w/l/h, in)	86 x 120 x 78



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Special Purpose - Ornamental Stitching

Images may include options.

Atlanta Attachment 1646

Ornamental Stitching Machine

Heavy duty sewing workstation for use on car seats, mats, furniture, leather goods and out door equipment and sporting goods.

- Synchronous compound feed system
- Self lubricating hook
- Integrated sew light
- 17 double needle patterns and 16 single needle patterns available



SPECIFICATIONS	
Maximum stitch length (mm)	9
Maximum needle spacing (mm)	8
Needle bar stroke (mm)	38
Needle type	DPX17 NM120 to NM160
Needle type standard	NM140 #22
Presser foot height - manual (mm)	9
Presser foot height - knee control (mm)	16
Motor power (watts)	750



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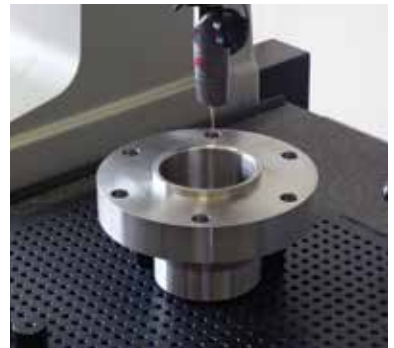
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Custom Equipment

Atlanta Attachment Co Custom Equipment, Engineering Design and Fabrication, Custom Die's and Tooling

- Engineering & Design
- Mechanical Assembly
- Electronic Assembly
- Electrical Assembly
- Sub-assembly
- CNC Milling up to 120"
- CNC Lathe
- Manual Milling
- Manual Lathe
- Surface Grinding
- Metal Fabrication
- Metal Finishing
- Tube Bending
- Cutting: Laser, Water Jet
- Heat Treating
- Welding
- Sand Blasting
- Black Oxide
- Painting
- Warehousing
- Distribution & Installation



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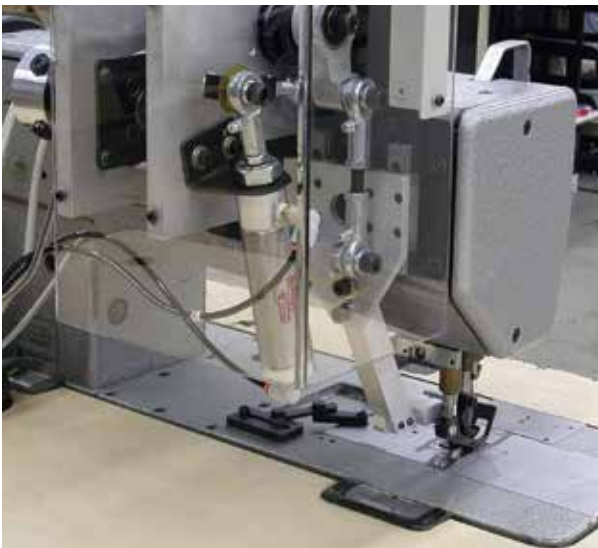


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Concept to Installation

General & Specialized Custom Manufacturing Process



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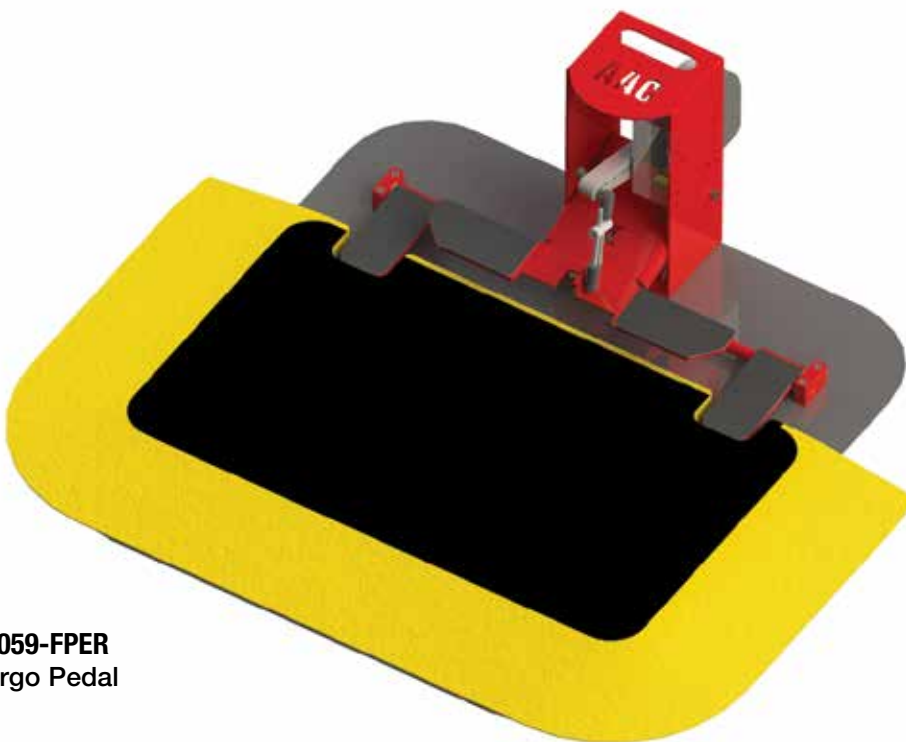
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Atlanta Attachment Pedals

Sewing Machine

- Sit-down pedals for clutch or electronic motors
- Stand-up pedals
- Various configurations from 1 to 4 pedals to control all or individual functions
- Custom pedals manufactured to customer specification.



4059-FPER
Ergo Pedal



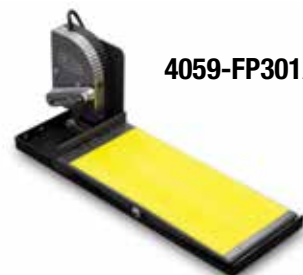
4059-FP-3J



4059-FP301B



4059-FP301G



4059-FP301A

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Atlanta Attachment Stands

Sewing Machine

- Sit-down operation
- Stand-up operation (reinforced)
- Ergo stands with manual or electric height adjustment
- All stands available with or without casters
- Tilttable with hand crank



**Motorized Ergo
Stand with
Adjustable Height**



H-Leg



T-Leg



K-Leg

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Tables for Sewing Machines and Build-up

Images may include options.

Atlanta Attachment Tables

Sewing Machine

- All shapes and sizes available from 20" x 48" rectangular, to 48" x 60" L-shape
- Custom tables available by special order
- Custom engineered air floatation tables



Smooth



Textured

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Images may include options.

Atlanta Attachment Tables

Rotating Build-Up

- Stainless steel top
- 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



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Folders & Attachments

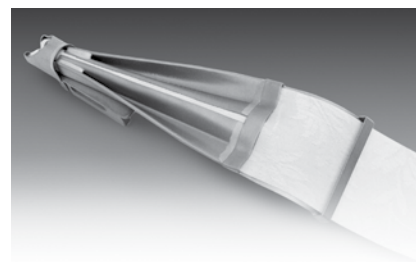
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Atlanta Attachment Folders & Attachments

Sewing Machine Folders & Attachments

We have a dedicated division just for making folders and attachments. This is what our company was founded on in 1969 and our team of skilled craftsmen create these folders by hand to meet the specifications of your products.

- Standard binders and folders in stock
- Custom made binders and folders made in 5-7 working days from customer supplied sample



Block Binding



Hemming Attachments



Zipper Attachments



Welting Attachments

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Atlanta Attachment HSView

RFID Technology

Making Inventory Management Easier

- Software and hardware solutions to manage all areas of inventory
- Application modules:
 - Raw Materials
 - WIP
 - Finish Goods
 - Shipping
 - Printing
- Modules can be implemented in stages
- RFID readers count and identify products or components automatically when passing through readers or when read by hand scanners
- No need to count and manually input individual items
- Increased accuracy of inventory on a daily, weekly or monthly basis
- Reduction in time, production loss, and labor cost from taking physical inventories
- Purchase pre-made tags or print RFID tags
- Placement of RFID tag can be most anywhere in the product
- Exception reporting

Additional items available

- Integration assistance into current operational software
- Customized reporting

HSView

Live Inventory Management



Placement of RFID tag can be most anywhere in the product



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BYTETIME

Real-Time Shop Floor Control

- Piecework or Hourly Payroll
- Production Tracking
- Quality Control
- Machine Parts Tracking
- Shipping and Receiving

Industry experience since 1976 and over 100,000 installed users in 17 countries,

Byte is the most advanced and mature Shop Floor Control System to the sewn products industry. Based on off the shelf Wi-Fi technology utilizing Android tablets.

- **In-house Development**
- **Made in USA**
- **Flexible & Customizable**
- **Batch + Real Time, Hybrid or Both**



Scan QR Code ticket



COST ADVANTAGES

Cut excess labor cost
Higher productivity
Lower wip inventory
Reduce payroll errors
No bundle ticket coupons
Reduce payroll processing

OPERATIONAL ADVANTAGES

Reduce labor
Faster throughput/less WIP
Balanced lines
Better employee morale
Lower turnover
Improved quality
More accurate payroll
Clock in/out at workstation
Quicker response time

TECHNICAL ADVANTAGES

Sql database - for flexibility and performance.
Tablets - Android
Wireless - no wired installation required.
Connectivity - direct integration with Byte's payroll and ERP modules.
Reliable - stores transactions when network down.

OPERATORS / EMPLOYEES

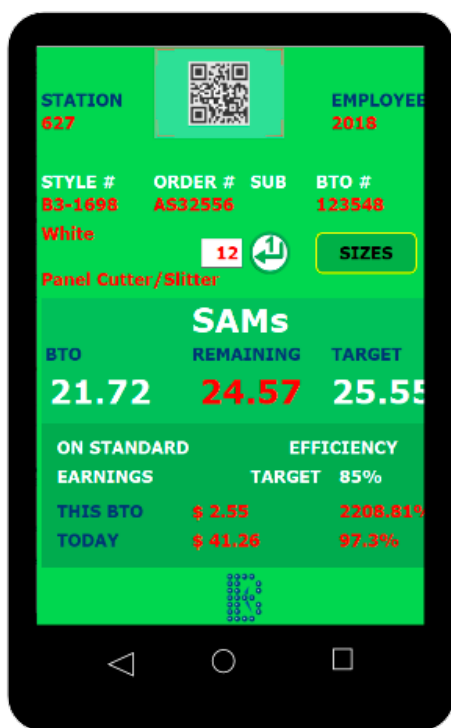
Time - replaces punch clock for in/out and breaks.
Pacing - helps operator achieve target
Always on - camera, for easy qr/bar code scanning.
Simple - intuitive user interface.

SUPERVISOR APP

Operators - track operator efficiency
Off-Standard - direct or remote off standard approval
Repairs - track bundle or unit repairs
Production - track WIP through assigned sections
Support - get instant notification of operator calls



Images may include options.



Production App



WIP Status on Supervisor App

A uniquely redefined Shop Floor Control and piecework payroll system based on inexpensive, off-the-shelf, Wi-Fi enabled Android Tablets is simple to learn, deploy and operate. Byte's software suite includes a bundle tracking system which has been reinvented from the ground up. It was co-developed with sewn products manufacturing customers and is now a shop floor system that satisfies the software requirements of large and small manufacturing companies AT AN AFFORDABLE COST.

From WIP tracking through Piecework Payroll and all of the HR issues associated with a sewn products manufacturing company are available with software modules from Byte's ERP Software Suite.

Simple to deploy, the system operates over standard Wi-Fi protocol and requires no network wiring or unusual proprietary hardware. Deploy and train in days rather than weeks. The Android Tablets have an app that keeps the camera on so that passing a Bundle tag with a QR code in front of it, records the bundle number. The tablet itself has an ID setup in Byte to Identify which operation is being performed at that station and the operator logs into the tablet in order to credit the work to the right operators. Each of the transactions is time stamped to allow for efficiency and pay calculations.

Using this advanced technology, operators are able to quickly log in or perform routine functions simply by scanning their employee badge. The ability to automate common tasks for both operators and supervisors adds efficiency to the manufacturing process.

There are four primary APPs available for BYTETIME™

Operator – As described above and much more.

Supervisor – Receives Off-Standard call from operator and allows approval from the floor or desk. Tracks off standard, efficiencies, WIP and repairs.

Quality – Full QC and statistical analysis for in-line, final, block and product inspections with normal and accelerated AQL tables.

Equipment – Mechanics monitor operator or supervisor calls for maintenance. Machines by ID are analyzed and scheduled for repairs.

All administrative chores are performed seamlessly between the tablets and the database that insures instant validation and synchronization between the tablets and the database.

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PATENTS: Our equipment may be covered by one or more patents. Please go to the following web page for an up-to-date patent list: www.atlatt.com/patents
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- ITW Dynatec
- Juki
- Meistergram
- Mitsubishi
- Organ
- Pegasus
- Pfaff
- Porter
- Schmetz
- Singer
- SunStar
- Tajima
- Union Special
- United
- Wilcox & Gibbs
- Yamato

Type of Parts

- Cutting Blades
- Feed Dogs
- Knives
- Loopers
- Needle Bars
- Presser Feet
- Rotary Hooks
- Spreaders
- Shears & Scissors
- Synchronizers

Images may include options.

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Atlanta Attachment Company

The Company that
Sudden Service
built



Parts Management System - Automated and Manual

Images may include options.

Atlanta Parts Depot

APS

Automated Parts Management System

- Multi-access drawer modules
- High storage capacity with minimal footprint
- 24/7 secure access
- Touchscreen interface
- Emergency override in case of power failure
- Modular design/easily configurable
- Expandable add-on units
- Comprehensive reporting
- Automated replenishment



APS1



Modular Design



APS3



APS2

MMCAB

Modular Management System for Replacement Parts

- Reduce down time by locating organized parts more quickly and efficiently
- Reduce labor time in placing orders
- Reduce shipping charges by consolidating orders
- Minimal square footage required
- Detailed schematics with part numbers
- Modular design

Our modular design, not only saves valuable shop space, it will help your staff organize inventory and reduce total maintenance cost.



Partitioned areas with part numbers allow for easy location and to quickly see inventory.

Each drawer has a detailed drawing located on the inside of the lid with part numbers indicated and areas highlighted.

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