

Atlanta Attachment Company

Automotive Division



Innovative Technology for the Sewn Products Industry Worldwide







Atlanta Attachment Company **Automotive Division**



Innovative Technology for the Sewn Products Industry Worldwide

© 2012 Atlanta Attachment Company. All rights reserved.

All materials contained herein are additionally protected by

United States copyright law and may not be used, disclosed, reproduced, distributed, published or sold without the express written consent of Atlanta Attachment, which consent may be withheld in Atlanta Attachment's sole discretion. You may not alter or remove any copyright, trademark or other notice from copies of these materials.

Atlanta Attachment Company, AAC, Atlanta Parts Depot, "Sudden Service", Sewing Automation, individually and when used in combination are registered trademarks of Atlanta Attachment Company.

Corporate Headquarters

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 onestop shopping for replacement sewing machine parts.

Our manfufacturing 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

















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

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.

Location

362 Industrial Park Drive Lawrenceville, GA 30046 USA +1 (770) 963-7369 FAX +1 (770) 963-7641

Sales & Technical Support

Sales



Hank Little



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

Inside Sales



David Wall Inside Sales



Scott Ake Inside Sales



Michael Leathers Inside Sales



Celso Alvarez Inside Sales



į





William Richey VP Customer Service



Jurgen Van Osch Service Manager



Faye Williams



Jeff Moore Service Technician



Jim Loewen Service Technician



Jose Ortiz Service Technician



Brett Button Service Technician



Frank Campos Service Technician



Justin Ozbolt Service Technician



Hector Leon Service Technician





Rene Montano

Languages Represented: Other than English

Technical

Support



Portuguese



German



Dutch Afrikaans



Spanish



Roberto Fernandez Service Technician



Adam Broich



Craig Reichart Service Technician



Michael Sewing Service Technician







Symbol Index



301 Lockstitch



Maximum sewing speed



Underbed thread trimmer



Vertical hook large



504 Three thread overlock



Maximum sitch length



Seam backtacking, automatic



Vertical hook extra large



Flat bed



Needle system



Bottom feed, needle feed and alternating feed



Horizontal hook large and extra large



Post bed



Needle bar stroke



Footlift height



Vertical hook large



Cylinder arm



Thread size



Stepping height



Vertical hook extra large



Extended head



Sewing field dimensions



Automatic presser footlift



Wheel diameter



Box type



Serial bus



Wattage



Titanium wheel



Knife



Steel wheel



Bottom wheel width



Equipment Index

Manufacturers

Vetron 5000/5010/5020/5030 10 5100/5110/5120/5130 11 5064/5164 13
Atlanta Attachment Company 14 CM0900 Series 14 PLC 1760-7-C 15 1356 16 1357F 17 1357M 18 1357F20 19 1380 PY6 20 5504-J-34 21 1410X86001 45
Juki AMS-22E-2516 & AMS-22E-3020 22 AMS 210EHL Series 23 LS 1342-7 24 LU 1510N-7 & LU 1560N-7 25 PLC 1710-7 & PLC 1760-7 26 MO 6916 G 27 G81200CZ122 28
441 29 3110/1 30 3121 31 3145/1 & 3145/4 32 3150/1 33
Mitsubishi PLGE Series
Pfaff 35 1245 35 2235 36 2521 37 2545/2546 38 2595/2596 39 3108 40 3721 41 3745 42
Singer 300U-194A
SunStar SPS/C-8050H
ACCESSORIES Tables, Stands 48 Motors, Pedals 48 Attachments and Folders 49 Satellite Plus 50 Automated Parts Management System 51 Serial Bus Control System 52 Replacement Parts 54 Custom Designed Equipment 46

Machine Type

5000/5010/5020/5030 5100/5110/5120/5130 LU 1510N-7 & LU 1560N-7 1245 2235 2545/2546.	11 25 35 36
Flatbed Chainstitch 300U-194A	43
Cylinderbed Lockstitch LS 1342-7	24
Postbed Lockstitch PLC 1760-7-C. PLC 1710-7 & PLC 1760-7. 2595/2596.	26
Overedge 5504-J-34 MO 6916 G G81200CZ122	27
Programmable Pattern Tackers AMS-22E-2516 & AMS-22E-3020 AMS 210EHL Series PLGE Series SPS/C-8050H 3721 3108	23 34 44 41
Special Purpose 5064/5164. 1356. 1357M. 1380 PY6 3110/1. 3150/1. 3121 3145/1 & 3145/4. 3745 2521	16 18 20 30 33 31 32 42

Equipment Index

Operation

Air Bags 3745	42
Consoles 5000/5010/5020/5030 5100/5110/5120/5130 CM0900 Series PLC 1760-7-C. PLC 1710-7 & PLC 1760-7. 300U-194A	11 14 15 26
Floor Mats	35 39
LS 1342-7	25 26
Seats, Bench, 60/40, Bucket 5000/5010/5020/5030 5100/5110/5120/5130 CM0900 Series 1356 1357F 1357M. 1357F20 1380 PY6 5504-J-34 LU 1510N-7 & LU 1560N-7 MO 6916 G. 441 3110/1 3121 3145/1 & 3145/4 3150/1 2235 2521 2545/2546. 3745 300U-194A	11 14 16 17 18 19 20 21 25 27 29 30 31 32 33 36 37 38 42
Seats, Documentation Seams 2521	
Miscellaneous Operations: Tack Sew AMS-22E-2516 & AMS-22E-3020 PLGE Series 3721 3108 SPS/C-8050H	34 41 40

Operation

Decorative Sew

5000/5010/5020/5030
5100/5110/5120/5130
PLC 1760-7-C
AMS-22E-2516 & AMS-22E-3020
AMS 210EHL Series
LU 1510N-7 & LU 1560N-7
PLC 1710-7 & PLC 1760-7
PLGE Series
2235
2545/2546
2595/2596
3108
3721
SPS/C-8050H
1410X86001
I Olim Mandula
J-Clip Module 1380 PY6
1300 FT0 20
Duon/Isofix Application
1357F
1357M
100/11111111111111111111111111111111111
Wire Pocket
3145/1 & 3145/4
Embroidery
CM0900 Series
Special Purpose
5064/5164
Electronic Motors
Efka DC 1550/AB320 48
Efka DC 1500/AB320 48
Juki SC510DS
Tables and Stands
Foot Pedals
Attachments and Folders
0 1 111 101
Satellite Plus
Automated Davis Management Cystem
Automated Parts Management System 5
Serial Bus Control System
Serial Bus Control System
Replacement Parts54
riopidocinent i arts
Special Purpose Custom Machinery

Introducing

Awarded **TEXPROCESS Innovation Award 2011**, this innovative machine design leaves the conventional way to build a sewing machine behind. Instead of a housing as a main unit that carries all mechanical parts, this so-called "frame" now simply plays a supporting role and can be easily exchanged between alternative models. All functional components are merged in "technology modules", which are fully interchangeable. The factory pre-settings guarantee an exchange of modules without further adjustments. With this innovation you are able to adapt the machine to any future configuration... in a few minutes it is possible to convert a flatbed into a long arm machine.

Through the consistent use of state of the art electronic control it became possible to make all machine settings programmable into memory and thus recallable. This allows the process parameters to be free from operators influence and identical every time the program is recalled. The innovative dynamic machine parameter, based on the actual speed and the permanent measurement of the material thickness, opens new possibilities of production quality, process security and the reduction of cycle times.

FEATURES:

- All control elements including the bobbin winder, electronic hand wheel and reverse button are placed at the head module in the user's direct field of view.
- · Tilt-assistant for easy cleaning and maintenance
- Optimized hook lubrication with fresh oil
- · Noise-reduced machine features
- No use of compressed air
- · All settings are programmable and storable
- · User identification with USB dongle
- Permanent measurement of material thickness thereby dynamic adjustment of needle thread tension, top feed stroke, sewing speed and sewing foot pressure
- · Automatic top feed stroke adjustment at cross seams
- Stitch-n-Stitch bar tacking



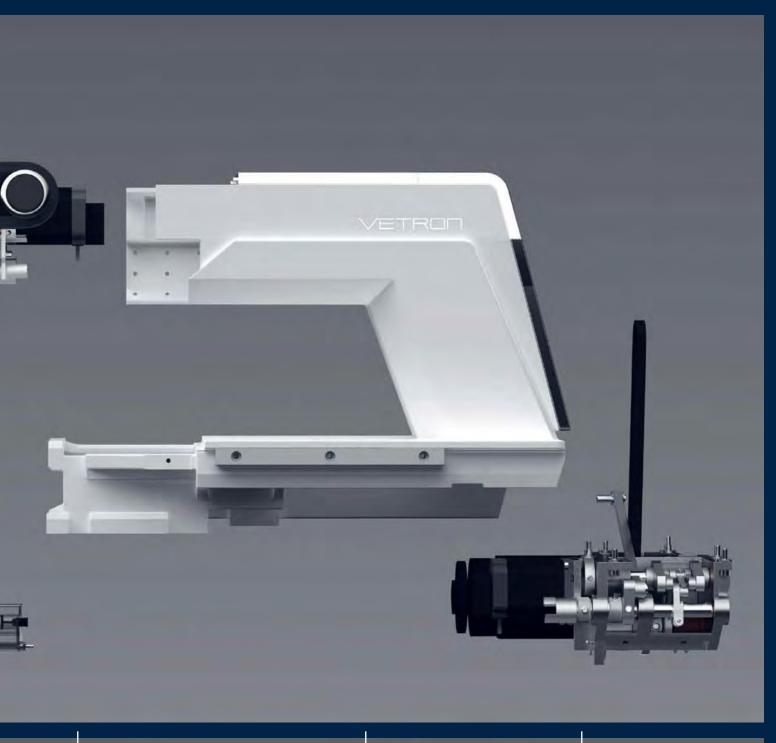




















POSTBED MACHINE





ULTRASONIC WELDING MACHINE











<u>VETR□□ | 5000/5010/5020/5030</u>



Flatbed Sewing Machines

- 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
- Integrated, electric bobbin winder (continuous winding process even when machine stops)
- Integrated and dimmable sewing light
- Extremely solid construction of housing
- Tilt-assistant for easy cleaning and maintenance
- Optimized hook lubrication with fresh oil
- Integrated motor
- Noise-reduced machine features
- · No use of compressed air
- Stored production settings allow for fast and precise set-up of the machine
- 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
- · Automatic top feed stroke adjustment at cross seams
- Stitch-in-stitch bar tacking

			(MAX)		→ ←	System	Ţî		<u> </u>		Ţ	Çc ∢ D ►
	00	1x301	4000*	•	12	134-135** 90-180	40	XL	20	9	10/3**	250,420
» 50-	10	1x301	4000*	•	12	134-135** 90-180	40	XXL	20	9	10/3**	350x130
» DOUBI	LE NEED	LE:										
- FO	20	2x301	4000*	•	12	134-135** 90-180	40	XL	20	9	10/3**	250v120
» 50-	30	2x301	4000*	•	12	134-135** 90-180	40	XXL	20	9	10/3**	350x130
	rpm			mm		mm		mm			mm	

^{*} Depending on process / Abhängig von der Anwendung





^{**} Depending on version / Abhängig von der Version

5100/5110/5120/5130 VE





Longarm Sewing Machines

- 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
- Integrated, electric bobbin winder (continuous winding process even when machine stops)
- Integrated and dimmable sewing light
- Extremely solid construction of housing
- Tilt-assistant for easy cleaning and maintenance
- Optimized hook lubrication with fresh oil
- Integrated motor
- · Noise-reduced machine features

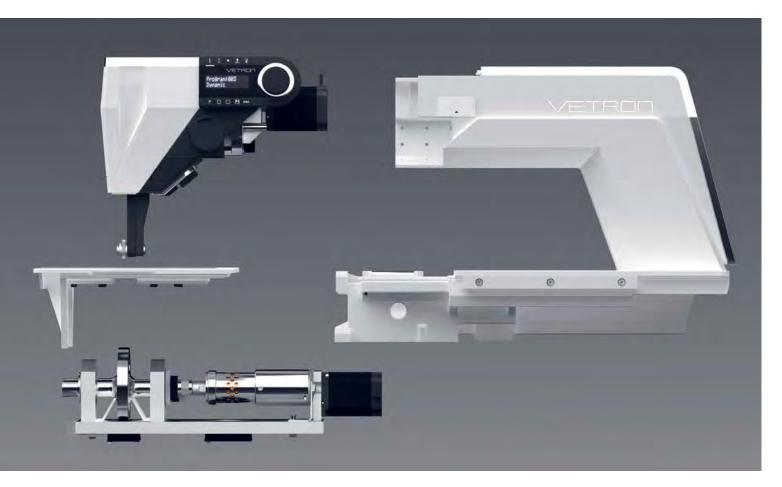
- No use of compressed air
- Stored production settings allow for fast and precise set-up of the machine
- User identification by USB-dongle
- Permanent measurement of material thickness thereby dynamic adjustment of needle thread tension, top feed stroke, sewing speed and sewing feet pressure
- Automatic top feed stroke adjustment at cross seams
- · Stitch-in-stitch bar tacking

			(MAX)		<u>→ ←</u>	System	Ţi	10	<u> </u>		Ē	AC D P
F4	00	1x301	4000*	•	12	134-135** 90-180	40	XL	20	9	10/3**	000:400
» 51-	10	1x301	4000*	•	12	134-135** 90-180	40	XXL	20	9	10/3**	680x130
» DOUB	LE NEED	LE:						•			•	
E-4	20	2x301	4000*	•	12	134-135** 90-180	40	XL	20	9	10/3**	680x130
» 51-	30	2x301	4000*	•	12	134-135** 90-180	40	XXL	20	9	10/3**	
			rpm		mm		mm		mm			mm

Depending on process / Abhängig von der Anwendung
 Depending on version / Abhängig von der Version

www.atlatt.com • sales@atlatt.com





Ultrasonic Welding Machines

- High-precision titanium or hardened steel sonotrode -Made in Germany
- Additional welding modes like baste welding, spot welding or "cut & seal" selectable
- Anvil wheel from 25 to 45 mm diameter
- Anvil wheel with adaptable puller function
- Welding of tight radiuses due to an anvil diameter of 25 mm
- Modular design (joint design for welding and sewing machines, for increased flexibility)
- No use of compressed air
- Welding with continuous or dynamic speed

- Digital welding generator with 500 or 1000 Watt (optional)
- Stepping motors for: Anvil wheel, sonotrode (separately controlled), welding gap and welding pressure
- All machine parameters are programmable and storable
- Simplified & intuitive program concept
- Setup assistant
- User identification with USB dongle possible
- Free selectable access permission
- Snap-in control panel
- Network port for central administration of the machines (optional)

www.atlatt.com • sales@atlatt.com



5064/5164 VETR□□







		WATT	(MAX)	\bigodot	Ti	Ţ	Fe	-	(MAX)	ţc
5064-	1000	500	30	25-45	•			10	9.5	350x130
	2000	1000	30	25-45	•			10	9.5	
	2300	1000	30	25-45		•	•	13	12.5	
	1000	500	30	25-45	•			10	9.5	
5164-	2000	1000	30	25-45	•			10	9.5	680x130
	2300	1000	30	25-45		•	•	13	12.5	
			rpm	mm	,		•	mm	mm	mm

www.atlatt.com • sales@atlatt.com

Atlanta Attachment | E0900 Series



Automated Embroidery System

- · Product 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
- Scan any logo and digitize in house
- AAC offers complete training and logo digitizing service

Technical Specifications:

- 9 needles, 9 colors
- Built in noise reduction technology
- Embroidery Field: 400mm x 450mm
- All steel bridge style construction
- LCD color monitor
- Solid steel rotary hook system
- Complete hoop assortment included

- Built-in disk drive and USB port
- Direct connect to computer upon request
- Built-in rotary type thread break sensors
- Automatic thread trimmers
- Automatic color changes
- Memory rentention after shut down
- Removable support table top for flat goods

Please go to the following web page for an up-to-date patent list: www.atlatt.com/patents.php

PATENTS: Our equipment may be covered by one or more patents

© 2017 Atlanta Attachment Co.

PLC 1760-7-C | Atlanta Attachment

Postbed, Walking Foot, Lockstitch with Large Hook, Automatic Underbed Thread Trimmer, Automatic Footlift, Automatic Backtack, and Automatic Lubrication

- 2 needle modified for foam fill in place head rests, the needles are moved in line to create 2 tight stitch lines in close proximity to each other in order to eliminate the necessity of taping seams after sewing.
- Walking Foot Bottom rectangular feed movement, Top feed with alternating presser feet, and needle feed.
- Dual thread tension
- Dial adjustment of walking foot vertical movement
- · Bottom feed micro-adjustment
- · Dial adjustment of stitch length
- · Built in bobbin winder
- DL Device for instantaneous adjustment of walking foot vertical movement to enable crossing of heavy seams
- · Hook safety clutch

Optional:

- Edge guides
- Folders
- Material guides
- Binder attachments



		(MAX)	<u>→ </u>	System	Ţį	P	<u> </u>		4	Çc → D ►
PLC 1760- 7-C	1x301	2500	9	134x35 to size 160	36	L	16	9	10/3**	255
		rpm	mm		mm		mm			mm

Sudden Service®

Atlanta Attachment | 1356



Semi-Automatic Sewing Unit for Assembling Elastic Seat Support Straps. Serial Bus Controller, 2 Lockstitch Sewing Heads

- Approximately 7 straps per minute
- 2 Flatbed needle feed lockstitch sewing heads with backtack, footlift, and underbed thread trimmer
- Elastic web feeder and cutter
- Turn-up folders to facilitate loading metal clips
- Turn-down folders fold material after hooks are loaded.
- Hand-wheel size adjustment
- Operator just loads hooks and wipes switch. (de-skills operation)
- DL Device for instantaneous adjustment of walking foot vertical movement to enable crossing of heavy seams
- Hook safety clutch

		(MAX)	→ ←	System	Ţi	P	<u> </u>	
1356	•	5000	0-44	DBX1-14	31.8		11	•
		rpm	mm		mm		mm	

PATENTS: Our equipment may be covered by one or more patents

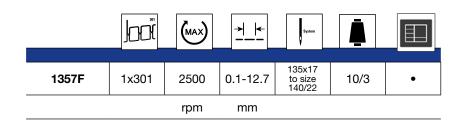
© 2017 Atlanta Attachment Co.

1357F | **Atlanta Attachment**

Semi-Automatic workstation for sewing IsoFix patches into seat backs, 2 moveable programmable pattern tacker sewing units, patented Serial Bus controller

- Two programmable pattern-tacker sewing units
- Sewing units arranged as mirror images
- Both heads move independently according to profile of seat back.
- Operator swipe switches for safe operation
- Dual head allows for simultaneous sewing of patches
- Tooling creates nest for patch, then clamps in place





Atlanta Attachment | 1357M



Semi-Automatic, IsoFix button insertion unit, Patented Serial Bus controller, Button orientation, Color recognition

- Color scanners to verify seat and button color match
- Camera recognition and orientation to verify position of IsoFix button
- Automatic button feeder
- Automatic retainer washer feeder
- Laser light positioning aid
- Button and washer insertion

1357F20 | Atlanta Attachment

Semi-Automatic Kick Plate Sewing Workstation

- U-shaped design allows for ergonomic loading/ unloading of cassette
- Entire kick plate sewn at one time
- Consistent margins
- Elastic, j-clips or duon held in place and sewn all in one operation
- Part is loaded while previous part is being sewn



		(MAX)	→ ←	System		Ā
1357F20	1x301	2500	0.1-12.7	135x17 to size 140/22	9	10/3
		rpm	mm			

Atlanta Attachment | 1380PY6



Specially Designed Work Aid, Programmable Sequence, Direct LCD Touch Screen Programmable, Stand Alone Patented Serial Bus Controller

- Stand alone, attachable to any sewing unit with electronic motor
- Expandable number of work bins (6 standard)
- Optical bin sequence
- No start switch if part not pulled from correct bin protected by light barrier
- Matches j-clip/duon to proper seam segment

Benefits:

- Ensured quality of end product
- Reduced costs due to missing j-clips
- Maintains proper sequence of parts

5504-J-34 Atlanta Attachment

Specially Modified, 1-Needle 3-Thread Overedge (504 stitch), Variable Top-feed, Bottom Differential Feed

- Modified top feed mechanism to increase walking movement of top feed
- Upper and Lower needle bar bushings
- Automatic Lubrication
- Cartridge type oil filter and cooling fan
- · Push button stitch length adjustment
- · Variable top feed adjusted by lever with micro adjustment
- Bottom differential feed adjusted by lever with micro adjustment
- Thread & needle lubrication system
- High lift stepping foot (foot lifts during feed stroke)

Optional:

- Pneumatic foot lifter
- Vacuum chain cutter
- Gathering attachments



	504	(MAX)	<u>→ ←</u>	Ţi	
5504-J-34	1x504	6000	2.5-5	28.8	8
		rpm	mm	mm	mm

Juki AMS22E-2516/-3020



Sewing fields:

- AMS-22E-2516 25cm x 16cm
- AMS-22E-3020 30cm x 20cm

Computer-Controlled Cycle Machines with Input Function, Direct-Drive Servo-Motor, High Speed, Reduced Cycle Time, **Operation Panel Direct Programming**

- AC Servo-motor Direct-drive
- Built-in bed feed mechanism
- Underarm free space maximized
- Needle bar reverse mechanism for increased and maximum clearance during clamp load and unload
- IP410 touch screen operator panel (color)
- 200 program capacity (20,000 stitches per pattern)
- Compact Flash storage media
- Oil-less sewing head (hook lubricated)
- Two stage pneumatic clamp

Optional:

- Programming software PM1
- Needle thread clamp device
- Needle cooler
- Milling unit
- Thread tension controller
- Pneumatic inverted clamping device
- One touch utility clamp for quick change of patterns

			(MAX)	→ ←	System	Ţţ	₽	<u> </u>
AMS	2516	1x301	2500	.01-12.7	135x17 to size 110/18	41.2	XL	20
22E	3020	1x301	2500	.01-12.7	135x17 to size 110/18	41.2	XL	20
			rpm	mm		mm		mm



Sudden Service®

AMS 210EHL Series | Juki

Computer-Controlled Cycle Machines with Input Function, Stepping-Motor Drive, High Speed, Reduced Cycle Time, Touch Panel Direct Programming

- · AC Servo motor direct drive
- Rapid acceleration and deceleration
- Stepping motor drive (X-Y axis)
- · Stepping motor controlled thread trimmer
- · Active tension, needle thread control
- · Programmable intermediate presser foot height
- IP-400 operation panel with programmable functions, and multiple languages
- Memory storage capacity of 200 patterns and a total of 20,000 stitches per pattern can be increased with external media (Compact Flash card) capable of storing 999 patterns and 50,000 stitches per pattern
- · Color LCD display of data and functions
- · Dry sewing head, Hook lubricated automatically
- · Pneumatic work clamp, 2-Stage clamp standard for EHL
- Network capable via (RS-232C: Reverse type) cable connection



	Sewing Field			
Model Number	X (mm)	Y (mm)		
AMS-210EHL-1306	60	130		
AMS-210EHL-1510	150	100		
AMS-210EHL-2206	220	60		
AMS-210EHL-2210	220	100		

Optional:

- Programming software PM-1
- Pneumatic inverted clamp device
- · Milling unit
- Needle cooler
- · One touch utility clamp for quick change of patterns

		(MAX)	<u>→ ←</u>	System	Ţţ	₽	<u> </u>
AMS 210EHL	1x301	2700	0.1-12.7	135x17 to size 21	41.2	XL	20
		rpm	mm		mm		mm

www.atlatt.com • sales@atlatt.com

PATENTS: Our equipment may be covered by one or more patents.

Juki LS 1342-7



Cylinder-Bed, Walking Foot, Lockstitch with Large Hook, Automatic Underbed Thread Trimmer, Automatic Footlift, Automatic Backtack

- Unison Feed Bottom feed, Top feed with alternating presser feet and Needle feed
- Dial adjustment of stitch length
- · Dial adjustment of walking foot vertical height movement
- Dual thread tension
- · Bottom feed micro-adjustment
- DL Device Instantaneous adjustment of walking foot vertical movement to enable crossing of heavy seams
- · Built-in bobbin winder
- · Hook safety clutch

Optional:

- Edge guides
- · Material guides
- Folders
- Binder attachments

		(MAX)	<u>→ ←</u>	System	Ţţ	P	<u></u>	<u>∵</u>	ţc → D ►
LS 1342-7	1x301	2500	6	137x17 to size 180	36	L	16	9	255
		rpm	mm		mm		mm		mm

LU1510N-7 / LU1560N-7 | Juki

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

- Unison feed Bottom feed, Top feed with alternating presser feet, and Needle feed
- · Dial adjustment of stitch length
- Dial adjustment of walking feet vertical height movement
- Dual thread tension
- · Bottom feed micro-adjustment
- Built-in bobbin winder
- Hook safety clutch engaged with push button



- DL Device –
 Instantaneous adjustment of walking foot vertical movement to enable crossing of heavy seams
- AE-10 Bobbin thread run-out detector
- Edge guide
- Material guide
- Folders
- Binder attachments



		(MAX)	<u>→ ←</u>	System	₽	<u> </u>	r,c → D ►
1510N-7	1x301	3000	9	135 x 17 180	XL	16	255
» DOUBLE NEEDLE:							
1560N-7	2x301	2500	9	135 x 17 180	XL	16	255
		rpm	mm			mm	mm

PATENTS: Our equipment may be covered by one or more patents.

Juki PLC 1710-7/1760-7



Postbed, Walking Foot, Lockstitch with Large Hook, Automatic Underbed Thread Trimmer, Automatic Footlift and Backtack

- Walking Foot Bottom rectangular feed movement,
- Top feed with alternating presser feet, and needle feed.
- Dual thread tension
- Dial adjustment of walking foot vertical movement
- Bottom feed micro-adjustment
- · Dial adjustment of stitch length
- Built-in bobbin winder
- DL Device for instantaneous adjustment of walking foot vertical movement to enable crossing of heavy seams
- Hook safety clutch

Optional:

- Edge guides
- Material guides
- Folders
- Binder attachments

		(MAX)	<u>→</u> ←	System	Ţţ	P	<u></u>	†c
PLC 1710-7	1x301	2500	9	134x35 to size 160	36	L	16	255
» DOUBLE NEED	LE:							
PLC 1760-7	1x301	2500	9	134x35 to size 160	36	L	16	255
		rpm	mm		mm		mm	mm



Sudden Service®

M0 6916 G | Juki

Adjustable Gathering Workstation

- Gathers work piece for added fullness when going around interior contours
- Gathering turns on/off with the press of a knee switch
- All feed wear components run in constant oil bath for greater machine/component longevity
- Amount of gather is easily adjusted without tools



Juki | G81200CZ122



1 Needle, 3 Threads, Carpet Overedging Machine

- Special parts for sewing around curves
- Overedging width of 15mm
- Thick carpet to 15mm

Optional:

 Presser foot and cloth guide for sewing curves (EF423AL-4 only)

Automatic Tubular Tape Feeding Attachment

- Mounting adapts easily to all standard industrial sewing machines
- 4 screws in front of the machine into the tabletop
- SPS Control unit compatible with all current electronic sewing motors
- Installation with connector
- Pneumatic tape cutter
- Tape width 10-38 mm
- Tape brake is controlled electro pneumatically



KMF | 3110/1



Automatic CNC Sewing Unit for Sewing of Retainer Strips to Car Seat Covers, Template Controlled, Programmable, Over-Lapping Loading and Unloading

- Automatic sew
- Programmable up to three different lengths of retainer strips
- Immediate change of programs by template recognition
- Quick and easy template change by operator
- 650mm longarm sewing head
- Backtacking or stitch condensing at beginning and end of seam
- Microprocessor control
- · Driven by stepping motors
- Laser light positioning for aid in loading templates
- Lockstitch

		(MAX)	<u>→ </u>	System
3110/1	1x301	2500	9	134-35 to size 120/19
		rpm	mm	

Double Chainstitch Sewing Workstation Sewing Pipeseams for Car Seats

- Sewing Head, Single-needle Double chainstitch, type 401
- Electropneumatic seam condensation and presser foot lifter
- SSD Skip Stitch Detection
- EFKA drive motor
- Microprocessor control with program memory
- Seam control via stepping motor with program memory



KMF 3145/1 & 3145/4



Semi-Automatic Workstation for Attaching Tubular Tape (wire pocket) to Car Seats

- · Programmable start and stop of tape
- 1 Needle lockstitch sewing head (301stitch)
- · Cycle counter for bobbin change
- Material transported by upper and lower belts, synchronized with sewing head
- Backtacking or stitch condensing at beginning and end of seam
- Material feed by stepping motors
- · Sewing head driven by electronic servo motor
- Tape fed from roll underneath machine
- · Seam length programmable and variable
- Microprocessor controlled

Optional:

- Laser light positioning guide
- Thread monitor for upper thread
- Chainstitch sewing head

		(MAX)	<u>→ ←</u>	System	Ā
3150/1	1x301	2000	8	134-35 to size 120/19	10/3
		rpm	mm		

Cutting and Punching Unit for Retainer Strips, Comprising of Roll Feed Mechanism, Punching Unit, Cutting Unit, Microprocessor Controlled and Fully Programmable

- · JIT production of retainer strips
- No precut and pre-punched retainers required in inventory
- Sequences of different lengths, holes, and notch locations are freely programmable
- · Number of finished parts can be programmed
- Multiple widths can be cut without adjustment (70mm max)
- Finished product disposed into box for easy handling
- · Stepper motor driven feeding system

Optional:

- Sewing station for welt type retainer strips (3145/4)
 Flatbed Chainstitch sewing head with close coupled puller
- Unrolling device to remove welt cord from roll
- · Buffer station between unroll and sewing station
- Buffer station between sewing and cut-and-punch station
- Cutter and one punch (standard) additional punches (max 4) with different shapes (v-notch, diamond, half round, oblong)
- Chute disposal into box



PATENTS: Our equipment may be covered by one or more patents.

Mitsubishi | PLGE Series



	Sewin	g Field
Model Number	X (mm)	Y (mm)
PLG-E1010	100	100
PLG-E1010KX	225	100
PLG-E2008H	200	80
PLG-E2010R	200	100
PLG-E2516	250	160
PLG-E2516YU	300	200
PLG-E4030	400	300
PLG-E6030	600	300
PLG-E5050	500	500
PLG-E10050	1000	500

Computer-Controlled Cycle Machines with Input Functions, Mitsubishi Mini-Servo X 500W Motor Drive, **Liquid Crystal Touch-Pad Display for Programming and Control Functions**

- Large liquid crystal touch-pad display
- On screen data entry and modification
- Intermittent or continuous feed system (selectable)

Optional:

- Quick change clamping system
- 110 volt
- **Fixturing**
- High-lift mechanism (foot-lift)
- Programmer stand for PLK-E-PAL programmer
- Stepping foot step adjuster
- Heavy thread trimming system
- PC programming software
- High voltage transformer

		(MAX)	→ ←	System	₽		Ī
PLGE Series	1x301	2500	0.1-12.7	135x17 to size 140/22	L	9	10/3
		rpm	mm				



© 2017 Atlanta Attachment Co.



Triple-Feed Sewing Machine with Vertical Hook

- · High traction due to unison feed
- Even feed motion without any ply-shift of ndividual layers
- Large vertical rotary hook with 60% more capacity than other standard-sized hooks
- Rugged and durable

- The high top feed lift (7.0 mm) allows troublefree sewing of thick materials and an easy sewing of thick materials and an easy sewing over cross seams
- Easy loading and unloading (even bulky material) due to a high fabric clearance of 14.0 mm

	301	(MAX)	→ ←	• • • • • • • • • • • • • • • • • • •	<u> </u>		
1245	2x301	2800	8	L	14	7	•
		rpm	mm		mm	mm	

Pfaff | 2235



Triple-feed special high-speed sewing machine with horizontal hook

- Very good seam quality and sewing reliability on assembly and top-stitch work on medium to heavy materials
- Excellent results in top-stitching works
- Ergonomically designed and convenient placed control elements – clear and precise functions
- Bobbin winder for a secure and fast start of the bobbin winding process
- Easy access of all adjustments: Top arm cover and head cover can be removed after unscrewing a few screws
- Dial adjustment of stitch length
- 2235 Basic: A version without automatic functions
- 2235 Plus: A version with additional functions (e.g. overload saftey clutch, programmable multiswitch, 2 top feed strokes and 2 stitch lengths preselectable, etc.)

		(MAX)	<u>→ </u>		2	₽			Ā	rc → D ►
2235	1x301	3000	9	•	•	L	•	9	2	345x120
		rpm	mm		mm		mm	mm		mm

Special high-speed seamer with needle feed, wheel feed and roller presser

- Exact stitch lengths, reproducible at any time
- No or highly reduced marking thanks to the material-protecting transport mode (particulary with the finest materials or laminates)
- Exceptionally precise material transport via an independent drive of roller presser and wheel feed
- Panel with multi-function buttons and programmable multi-switch for backtacking is integrated in machine head
- Integrated LED light, dimmable
- No material perforation when backtacking
- Switch over to differential feed without sewing stop
- Universal application for thread sizes 80/3 to 10/3 synth
- · Second thread tension shiftable



		(MAX)	→ ←	N		P	Ē
2521	2x301	3500	5	•	•	L	10/3
		rpm	mm		mm		

Sudden Service®

Pfaff | 2545/2546



Triple-Feed Special High-Speed Sewing Machine with Vertical Hook

- The machine achieves a very high stitch quality both for top-stitching work in the visible areas and for securing and assembly seams
- The ergonomically designed dials guarantee quick and accurate adjustments of the first and second top feed stroke (with automatic speed adaption)
- Programmable multi switch in easy reach of the operator
- Large clearance under the machine
- Bobbin winder for a secure and fast start of the winding process ("winding assistant")

- Easy access of all adjustments: Top arm cover and head cover can be removed after unscrewing a few screws.
- 2545 BASIC: A version without automatic functions
- 2545 CLASSIC: Version with one adjustable top feed stroke and one stitch length and automatic speed adaption.

Optional:

Motor driven edge cutter with a trimming margin of 1.5mm

		(MAX)		→ ←		Ţţ	→			N N	rc → D ►
2545	2x301	3800*	•	12	•	•	XL	•	9	•	345x120
» DOUBLE NEED)LE:										
2546	4x301	3800*	•	12	•	•	XL	•	9	•	345x120
		rpm		mm		mm			mm		mm



Postbed sewing machines with unison feed

- Machine for three-dimensional fabrics in the upholstery industry
- Less bobbin changes by the large vertical hook with 60% more thread capacity
- Bobbin winder equipped with an aid for a secure and fast start of the bobbin winding process and within easy reach of the operator ("winding assistent")
- LED light integrated in the sewing head
- Unique service concept. Easy and fast access of all adjustments.
- Integrated panel with multi-function buttons & programmable multi-switch
- Oil-level indicator on the display, with warning light on sewing head



- Edge guides
- Material guides
- Folders
- Binder attachments

		(MAX)	<u>→ </u>		N N	P			Ē	
2595	1x301	2600	12	•	•	L	•	9	10/3	•
» DOUBLE NEED	LE:			,		,				
2596	2x301	2600	12	•	•	L	•	9	10/3	•
		rpm	mm		mm			mm		mm



Free programmable flatbed computer stitcher

- PFAFF POWERLINE sewing head with a horizontal sewing hook for threads form 80/3 to 20/3
- Hopper foot adjustable from 0 to 9 mm
 - programmable in two steps (Standard 4 mm)
 - Lift of hopper foot 18 mm
- Thread trimmer with a rest thread end of < 13 mm
- Second thread tension (program controlled)
- Thread nipper ensures a neat seam start (no thread tail on top of the work piece)
- Thread wiper electro-pneumatically controlled
- Intermittend feed system
- Automatic fresh oil supply to the sewing hook

Optional:

- Edge guides
- **Folders**
- Material guides
- Binder attachments

		(MAX)	→ ←		P	<u></u>	
3108	1x301	2800	12	•	L	20	80/3- 20/3
		rpm	mm			mm	

Sudden Service®

© 2017 Atlanta Attachment Co.

Docu seam system (with needle feed + differentiable wheel feed and roller presser)

- Quality assurance system for the production of safety-relevant seams
- In the field car interior the machine is very applicative for seams which have small radii at the formed parts
- Automatical thread-tension device and real-time monitoring of thread force (stitch by stitch)
- Skip stitch recognition inside and outside of documented seams
- Electronic thread tension adjustment (no manual adjustment necessary)
- Sewing head recognition
- · Operation of all functions with touch-screen
- Free label design
- Programmable stitch length (in each seam sector)
- Scanner for thread and label control



- Seam width control with sensor-controlled edge guide
- Thread force calibration
- Motor-driven edge cutter with smallest edge distance of 1.5 mm

		N N	→ ←		P
3721	1x301	•	5	•	L
			mm		



Docu seam system with unison feed

- Quality assurance system for the production of safety-relevant seams
- Automatical thread-tension device and real-time monitoring of thread force (stitch by stitch)
- Skip stitch recognition inside and outside of documented seams
- Electronic thread tension adjustment (no manual adjustment necessary)
- · Sewing head recognition
- Free label design
- Programmable top feed lift and programmable stitch length (in each seam sector)

- Seam width control with sensor-controlled edge guide
- Thread force calibration
- Motor-driven edge cutter with smallest edge distance of 1.5 mm

				N		10	<u> </u>	
3745	1x301	•	•	•	•	L/XL	20	9
					mm		mm	mm

300U-194A | Singer

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

- Edge guides
- Material guides
- Folders
- Binder attachments
- · Custom gauge sets
- Custom puller assemblies



		(MAX)	→ ←	System	Ţţ	Åc ▼ D ►	<u></u>
300U-194A	1x301	4000	1-8	62x59	36.5	270	11
		rpm	mm		mm	mm	mm

SunStar | SPS/E-8050H



Computer-Controlled, Independent Direct Drive, Beam Frame, Split-Head Construction, Pattern Sewing Machine, Operation Panel Direct Programming

- Sew field range 800mm x 500mm
- Box Beam construction
- Split sewing head, upper shaft and lower shaft separately driven by independent servo motors
- High head lifter (50mm)
- Template recognition
- Quick change clamp
- High clamp lift (80mm)
- Upper thread holder
- Thread trimmer

- Programming software
- 880 x 580 sew field expansion

		(MAX)	→ ←	System	Ţį	₽	<u></u>	E	
SPS/C- 8050H	1x301	2300	0.1-12.7	DPx17 DPx15	41.2	XL	22	4	10/3
		rpm	mm		mm		mm		

1410X86001 | Atlanta Attachment

Tooling for the SunStar® SPS/C-8050H

- Custom tooling to sew large, irregular pieces
- Consistent, uniform stitching improves appearance of finished part
- Machine sews as operator loads next piece; in many cases operators can run two machines
- Cassette tooling allows machine to sew multiple styles on one machine
- Clamp recognition, available on some models, allows the machine to sew the correct pattern for that particular cassette

Optional:

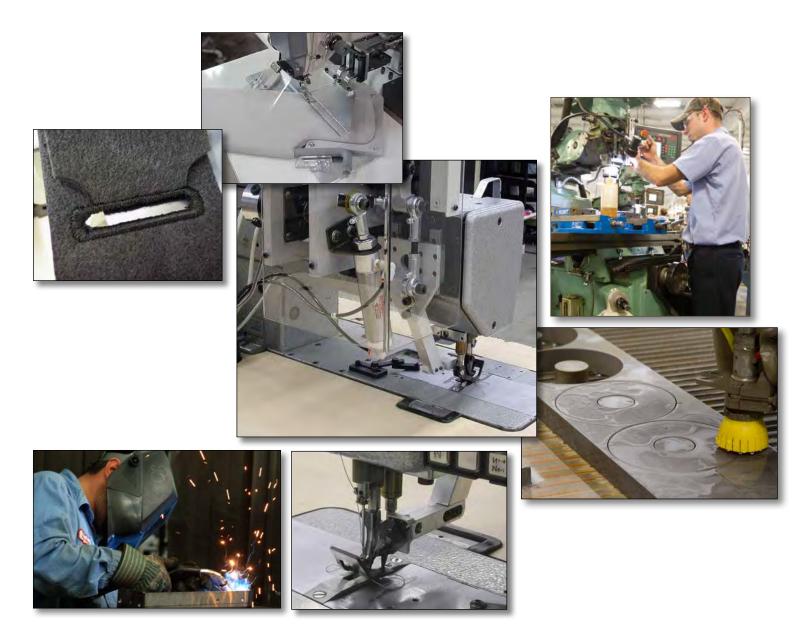
- Edge guides
- Material guides
- Folders
- Binder attachments



PATENTS: Our equipment may be covered by one or more patents.

Custom Designed Equipment

Working alongside our affiliate company, Atlanta Precision Machining and Fabrication, we can make any custom die for all your tooling needs.



EQUIPMENT LIST:

17 CNC Milling Centers 7 CNC Turning Centers 10 Trak K3 Programmable Mills 5 Manual Lathes 4 Surface Grinders

4 Break Presses

3 Lasers

1 Water Jet

7 Welding Booths

1 Sand Blast Booth

1 Black Oxide Tank

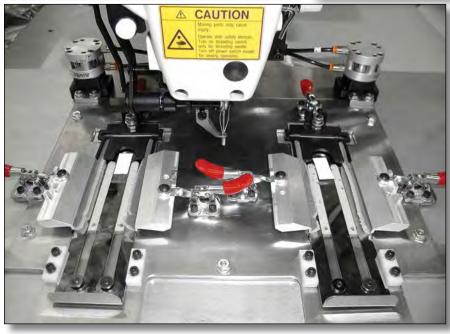
1 Wet Paint Line.

Custom Designed Equipment













Ergo-Components

Tables

- All shapes and sizes available from 20"x48" rectangular, to 48"x60" L-shape
- Custom sizes available by special order
- · Custom engineered air tables



Stands

- Sit-down operation T-Legs
- Stand-up operation T-Legs (reinforced)
- Ergo stands with manual or electric height adjustment
- · All stands available with casters







Pedals

- 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.



Motors

- EFKA, Juki, Panasonic, Mitsubishi and Quick
- 110/220 Volt Clutch
- 110/220 Electronic Servo (AC and DCs)
- Choice of control panels and synchronizers



www.atlatt.com • sales@atlatt.com



The Company that Sudden Service®

Attachments & Folders

All Standard Sizes Available in Stock Custom Orders Made in 5-7 Days from customer supplied sample



Binding Attachments



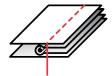
Block Binding

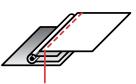
Hemming Attachments





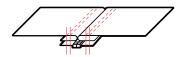


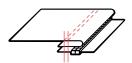




Zipper Attachments



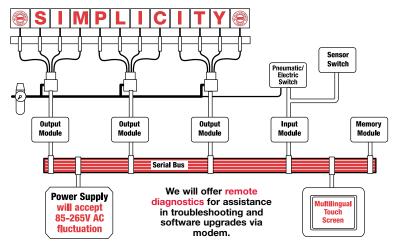




This is a small sample of our standard and custom attachments. Contact sales for a complete list of products.



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.

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



APS1 Atlanta Parts Depot

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

Technical Information

Software provides full inventory management with complete control, reordering, audit trail and reporting capability and is ready to connect to your network for analysis and management of your crib activity.

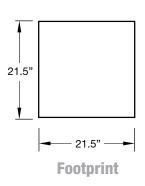
Options

- APS2 Parts Cabinet
- APS3 Parts and Equipment Locker



Drawer-based dispensing requires NO repackaging and does not drop items





Mix and match any configuration with multiple units to fit the needs of your plant





One-Stop Shopping for Replacement Parts

Atlanta Parts Depot™

A Division of Atlanta Attachment Company®

Supplier of expendable replacement parts for all major sewing equipment companies.

- Atlanta Attachment Company
- Brother
- •Cash
- Consew
- Durkopp Adler
- Efka
- Galkin
- Gribetz
- Groz-Beckert
- Illinois Tool Works
- Juki
- Meistergram
- Mitsubishi

- Organ
- Pegasus
- Pfaff
- Porter
- Schmetz
- Singer
- SunStar
- Tajima
- Union Special
- United
- Willcox & Gibbs
- Yamato

We also offer glue, oil, silicone and other accessories.



PARTS SHIP WITHIN 72 HOURS OR IT'S FREE!*

THIS IS A PROMISE

For over 26 years, AAC has been offering our "72 hours or FREE" pledge to our customers. This promise makes us the leading supplier of parts and automated sewing workstations. We promise unequaled service and support and to maintain inventories of the recommended spare parts for our automated workstations. We will ship those replacement parts within 72 hours and 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.



Atlanta Parts Depot

FAX Order Form **770-963-7641**

BILL TO	Account No:		SHIP TO				
Company:		REQUIRED	C Ompany: _			REQUIRED:	
						If different than "BILL TO"	
			City: _				
	ZIP:		State: _		ZIP:		
Country:			Country: _			_	
			Phone: _				
FAX:			FAX: _				
Email:			Email:				
Ordered By:		REQUIRED	Phone: _				
PO No:		REQUIRED	FAX: _				
			Email:				
QTY PA	RT NO. DESCRIPTION			U/M	PRICE	EXT PRICE	
SHIPPING		ixes and International ulated and added w	al documentation fees hen applicable.		Sub Total		
UPS: FedX:		Other			Credit Card: #		
Acc #		Acc # _		☐ VIS	A DMC	DISC AEXP	
☐ Ground☐ Red☐ AM	☐ Ground ☐ Air						
☐ Blue	☐ Collect						
☐ Orange				Phon	e No:		
_	:fantapårtsales@atlatt.co	m _	STA A	MAR SALE	- ceatlantae	artsdep e t com	

PATENTS: Our equipment may be covered by one or more patents. **Attenta** Parts Depot an up-to-date patent list: www.atlatt.com/patents.php 36217 data that Park Drive

Lawrenceville, GA 30046 USA



