



**PACKAGE MACHINERY COMPANY, INC.**

*presents*

***The FA-ST™ Series  
Servo Wrapping Machines***

*with*

***ALL NEW AND EXCLUSIVE "UNIVERSAL FOLDING LINE"***

- Wrap Boxes, Trays or Bundles***
- 10 Minute Size Change***
- Low Operating Costs***



*FA-ST™ is a trademark of Package Machinery Company, Inc.*

# PACKAGE<sup>®</sup> MACHINERY COMPANY, INC.

**DISCOVER WHY THE FA-ST™ SERVO WRAPPER IS THE  
“OVERWRAPPER OF CHOICE” IN NORTH AMERICA!**

**No matter what business you're in, there's no substitute for experience.**

Package Machinery Company, Inc. brings the proven FA design into the 21<sup>st</sup> Century by incorporating the latest servo motion control technology. Whether you are wrapping boxes, trays or bundles, with traditional materials or the most sensitive and sophisticated printed films and foils, the FA-ST™ Series Wrapper is the durable, affordable choice.



**No matter how high the quality of the product,  
it's no good without honest, professional, sales and service.**

Package Machinery's Preferential Sales and Service standards ensure your satisfaction from the very first contact through many years of reliability. Our well-trained staff of Sales and Service Engineers and Parts Technicians support you during the entire life of your Package® machine.



**FA-ST™ Marketing Advantage: Great Packaging, Wrap after Wrap!**

Quiet running Allen-Bradley® Servo drive components control all product and film movement with remarkable results for more marketable packages:

- **Just in Time** Product sensing engages the machine on demand, reducing the need for large batching and high Work in Process inventories. Auto speed capability quickly and accurately matches machine speed to product backlog.
- **Wrap Appeal** Consistency, wrap after wrap, with a wider selection and sophistication of prints and films, can only be achieved by precise servo timing. More attractive wrapping means more sales.



- **Freshness and Tamper Protection** Tight, precise sealing ensures the freshness and safety of package contents.
- **Marketing Versatility** Whether introducing or repositioning your product, using standard or sophisticated films, foils or print styles, the FA-ST™ provides the flexibility you need to present your product in its best light, first time, every time.

## FA-ST™ Production Advantage: Easy to Set-Up, Operate & Maintain



### Touch Screen Operator Control

FA-ST's™ single station, pedestal or machine mounted control provides a conveniently located, simple to master operator interface. The Allen-Bradley® RSLogix™ Programmable Logic Control (PLC) precisely governs all film and product operations. Programming is easily accomplished through the PLC's touch screen unit.

"Dynamic Heat Control" — A Proportional Integral Derivative (PID) temperature algorithm dynamically governs power to the heaters. Heater response is tuned for your application. Ramp-ups are faster and controlled more accurately than conventional thermostats. Less overshoot and precise working temperatures mean quicker set-ups, more consistent sealing and the ability to use the most advanced, heat-sealable films.



### ALL NEW "Universal Folding Line" for Industry's fastest 3D Changeovers

Our EXCLUSIVE, tool-less, Universal Folding Line (UFL) minimizes the total number of product "size parts" to three. 3D size changes are now a breeze; taking less than 10 minutes including a change in film.

"Autowrapper" capability offers the utmost in set-up reduction technology. Program the UFL and other change axes such that 90% of a changeover is done with the touch of a button!

### FA-ST™ VALUE Advantage: Built-in Economy

*The servo driven FA-ST™ Wrapper offers exceptional wrapping and operating economy.*

- **Less Film or Foil, Lower Cost** Package® overwrappers use 15-20% less film than flow or shrink wrappers. Overwrap films cost considerably less than shrink films, multiplying the savings.
- **Less Electrical Power** Package® overwrappers use less electrical power than shrink wrappers, while maintaining a highly desirable tight wrap.
- **Bottom Line** Electrical power and film cost savings can represent as much as 30% of the cost of your Package® overwrapper annually.
- **Lower Maintenance** Multiple servo motor axes reduce a machine's mechanical components by 35%, resulting in fewer replacements, less maintenance time and expense.
- **Higher Speeds – Higher Throughput** Precision repeatability through servo technology yields more packages per hour with fewer rejects, resulting in less waste, higher productivity.
- **Jam Protection** – PLC governed product sensors and servo current draw safeguard machine operation. Jams are quickly detected and stop as they occur to prevent machine damage and to minimize film and product waste.

### FA-ST™ Safety Advantage: Safeguards with Style

The FA-ST™ Wrapper is equipped with a stylish, custom-fitted polycarbonate guard system. Designed with accessibility in mind, all access panels are easy to open and have safety interlocks. Thus, any opening of the guard system during operation stops all machine motion.

Warning labels alert maintenance and other personnel to possible hazards and a color-coded stack light indicator alerts the operator to current machine status. Emergency Stop switches are conveniently located to immediately stop all machine motion upon activation.



## Industries Served:

- Media
- Food
- Agriculture
- Pharmaceutical
- HBA
- Tobacco
- Confectionery
- Office Supplies
- Retail Goods

## MACHINE SPECIFICATIONS

Tables below denote standard machine specifications for the FA-ST<sup>TM</sup> Series. Other package sizes and custom engineering is quoted upon request. Evaluation is useful in developing project parameters, goals and feasibility.

Model	PACKAGE SIZE RANGE											
	Length				Width				Height			
	max		min		max		min		max		min	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
FAST	11 1/2	292	2	50	5 5/8	142	1 1/8	28	3 1/2	90	3/8	10
FAST 2	11 1/2	292	2	50	7 5/8	190	1 1/8	28	4 1/4	110	3/8	10
FA-ST4	13 1/2	343	6	152	8 1/2	203	1 1/2	38	7	177	1/2	13
FA-ST6	18	457	6	152	13	330	2	50	7	177	1/2	13

Table 1. FA-ST<sup>TM</sup> Standard Package Size Range.

\*All maximum dimensions cannot be used in combination.

FA-ST6 size machine is a concept and subject to change. Large custom wrapper/bundlers can be quoted upon request.

Model	FILM ROLL CAPACITY											
	Roll Width				Roll Diameter		Core Diameter		Film Cutoff			
	max		min		max		std		max		min	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
FA-ST	17 1/4	438	3 1/4	82	20	508	3	76	16	406	4 1/4	108
FA-ST2	23 1/4	590	3 1/4	82	20	508	3	76	16	406	4 1/4	108
FA-ST4	32 1/4	820	3 5/8	92	20	508	3	76	22	560	4 1/4	108
FA-ST6	40	1016	4	100	24	610	6	152	27	686	4 1/4	108

Table 2. FA-ST<sup>TM</sup> Film Roll Capacity.

Model	MACHINE SPECIFICATIONS									
	Length		Width		Height		Weight		Electrics	
	in	mm	in	mm	in	mm	in	mm		
FA-ST	9'0"	2.7	6'1"	2	6'0"	1.8	1088	820	230/3/60 - 30 AMP	
FA-ST 2	11'0"	3.3	6'1"	2	6'0"	1.8	2050	930	230/3/60 - 30 AMP	
FA-ST4	14'0"	4.3	8'6"	2.6	6'0"	1.8	3000	1360	230/3/60 - 30 AMP	
FA-ST6	14'0"	4.3	10'0"	3	6'0"	1.8	3600	1640	230/3/60 - 30 AMP	

Table 3. FA-ST<sup>TM</sup> General Machine Specifications.

\*Specifications generic, subject to change depending on machine customization and options.

### Standard Features

- 4 to 6 Axis Std (up to 9 Axis total) Servo Motion
- Networkable Allen-Bradley Control Logix PLC
- Swivel, color, touch screen operator terminal
- "Dynamic Heat Control" and adjustable heaters
- "On the fly" speed, film, and softcam settings.
- Off line Programming and Editing
- Central lubrication block for easy maintenance
- Jam sensors and film run-out sensor
- Xylan coating on all film/product path components

- Large diameter film roll capability
- Color coded status stack light
- Adjustable bottom seam location
- Variable speed belt infeed conveyor
- Self-sharpening rotary knives
- Safety Interlocked guard system

### Optional Features

- Programmable film feed and photo registration
- Self-clearing overhead product transport system
- Custom infeeds; pusher, pocketed, side entry
- Low film indicator, Code Dater, Spare Film Roll
- Universal Folding Line
- Universal Tack Sealer with Retracting Heaters
- Internal Size/Spare Parts Storage Rack
- Tear tape applicator
- Pedestal mounted or pendant arm operator control
- Special paint or stainless "washdown" machine
- Locking casters
- FA-ST<sup>TM</sup> "Autowrapper"

**PACKAGE<sup>®</sup> MACHINERY COMPANY, INC.**

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