

Advanced Poly ST-1000 Towel Packaging system Versus Autobag Ergocon Textile Packaging System Product Comparison (Rev A)

The following information is provided to assist you in comparing systems produced by Advanced Poly and offered by Automated Packaging Systems. Important comparisons include single source supplier, highest performance and accuracy, largest bag size, smallest footprint, longest warranty and lowest annual cost of operation. Advanced Poly surpasses the competition in each of these categories.

	Advanced Poly System	Autobag Ergocon System
Standard Features	Automatic Feeder, Scale, T-1000-S14 Bagger and Takeaway Conveyor all controlled through a single full color 7" touch screen operation. User friendly controller with pop-up message/diagnostics, recipe management for hundreds of jobs.	Automatic feeder, fully integrated with the Autobag® AB 255™ wide bagger. The user-friendly control panel allows storage and recall of up to 14 jobs with load building capabilities, real time productivity data, onboard diagnostics, and more
Manufacturer	Complete system designed and manufactured by Advanced Poly in the USA: Hopper/Feeder, Bulk Dribble Feed Conveyor, Scale Conveyor, Bag Opening Device, Bagger, Product Settle Assembly, Takeaway Conveyor.	Feeder portion (bin, pick conveyor, inspection conveyor) designed by Ergocon and outsourced production, bagger portion designed and manufactured by Autobag. Each portion requires an independent controller.
Controls	Simple User-Friendly, Single high resolution touch screen and PLC	Sophisticated, two controllers, one for the bagger and one for the feeder.
Recipe Management	Hundreds of jobs (USB memory stick)	Up to 14 jobs
Footprint	131 sq ft. (135" x 140")	141 sq ft. (91" x 223")
Footprint (Ext Conveyor)	131 sq ft. (135" x 140")	203 sq ft. (131 x 223")
Speed	up to 7500 towels per hour	up to 7000 towels per hour
Counting Method	Netweigh/Counting	Counting
Modes	Automatic, Inspection or Manual	Inspection
Cycle operation	Automatic feed from a hopper with bulk and dribble speeds onto the inspection scale conveyor, bag open validation, automatic feeding into the bag, automatic product settling, automatic bag sealing and finished product takeaway.	Automatic feed from a bin with a single speed to a pick conveyor for separation, conveyed to the inspection area after inspection continue down the conveyor, pass through a counting eye into the bag.
Loading methods	Manual, automatic count and/or weight	Manual
Pass-through	6"	4.63 to 6"
Bag size	Standard bagger up to 15" wide x 36" long, up to 18" wide x 36" long with wide bagger	Wide bagger up to 16" wide x 26" long
Bag thickness	1.0 to 4.0 mil	1.25 to 4.0 mil
Bag configuration	10" standard, up to 14" diameter rolls, or boxes	10" standard, or Boxes
Electric	115/230 VAC; 50/60 Hz	115/230 VAC; 50/60 Hz
Air	60 psi, 3 CFM	80 psi, 5 CFM
Warranty Period	Guaranteed performance. Two year warranty period, extended past two years with continuous bag contract.	One year period.
Spares	90%+ are off the shelf, locally available.	Most are proprietary parts, higher costs, available only from system manufacturers.
Options	Extended height discharge conveyor, wide bagger, LED stack light, spare parts kit.	Extended height discharge conveyor, light stack, laser level control, reject count system.

Note: Increased performance and accuracy is obtained from a higher infeed rate by use of a weighing method and a bulk and dribble feed method to obtain the final weight/count. Auto adjust function continuously and automatically adjusts the feed rate to obtain the highest accuracy. Production, uptime and downtime is logged on a USB memory stick. Off the shelf parts and longer warranty periods offer lower annual costs of ownership.