

FOR IMMEDIATE RELEASE

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ATS introduces *Flexsys*[™] - a new generation of flexible standardized automated workcell solutions for optoelectronics & microelectronics manufacturing

CAMBRIDGE, ONT. – ATS Automation Tooling Systems Inc. (TSE symbol: ATA) announces the introduction of the ATS *Flexsys*[™] family of standardized, high-precision automated manufacturing systems for advanced packaging and assembly in optoelectronics and microelectronics. Each *Flexsys* workcell accommodates multiple process and assembly operations on a single automated platform, enabling higher production volumes and dramatically improving yields. Equally important, each *Flexsys* workcell can be scaled up or reconfigured as manufacturing requirements change and grow.

“These industries need more standardized automated production solutions to support their current plans, but they also must consider their future outlook because technology and product life cycles are very short,” said Klaus Woerner, ATS President and CEO. “Flexibility and scalability of manufacturing processes are very important for these rapidly changing markets and with ATS *Flexsys*, manufacturers start with the solution they require today and still have the ability to scale up, upgrade or reconfigure their *Flexsys* workcells to meet their production needs in the future. The result is state-of-the-art automation that serves industry needs today and continues to produce benefits and high returns over future programs.”

The ATS *Flexsys*[™] family of automated workcell solutions includes the *Flexsys* 1000 for semi-automated production; the *Flexsys* 2000 for fully automated assembly and processing; the *Flexsys* 3000 high-speed die bonder, and the *Flexsys* 4000 for ultra high-precision automated manufacturing. All *Flexsys* workcells are configurable for fiber optics, wireless, micro-medical device, semiconductor, computer peripheral, automotive electronics and other specialty high-precision applications through the use of standardized application specific toolkits.

Through standardization of design, *Flexsys* systems provide customers with robust, cost effective, proven automation technology with greatly reduced implementation lead times over custom automation. Toolkits and motion control platforms have also been standardized allowing for ease of spare parts management and common documentation between *Flexsys* workcells. *Flexsys* systems feature PC based machine control with a user-friendly Windows graphical user interface to facilitate rapid integration and increased productivity.

ATS invites perspective customers to visit the ATS booth at the OFC (booth #1521) where *Flexsys* systems will be on display and operating.

ABOUT ATS

ATS Automation Tooling Systems (www.atsautomation.com) is the industry’s leading designer and producer of turn-key automated manufacturing and test systems, which are used primarily by multinational corporations operating in a variety of industries including: computer, microelectronics, optoelectronics, automotive, healthcare, and consumer products. The Company also makes precision components and sub-assemblies using its own custom-built manufacturing systems, process knowledge and automation technology. ATS employs approximately 3,200 people at 26 facilities in Canada, the United States, Europe and Asia-Pacific. The Company’s shares are traded on The Toronto Stock Exchange under the symbol ATA.

Key Features of ATS *Flexsys*™ Process and Assembly Systems

<i>Flexsys</i> ™ System:	Features:
<i>Flexsys</i>™ 1000 Semi-Automated Workcell	<ul style="list-style-type: none"> ▪ Adaptable to a wide range of processes ▪ Maximum flexibility for prototyping, low volume production, testing ▪ Entry level automation which can be upgraded to a fully automated solution ▪ Typical applications include in-package or chip-on-carrier assembly, process development, active or passive alignment, planar waveguide align/attach/test, die bonding, epoxy dispense and cure, fiber pigtailling, inspection, test and measurement ▪ Sub-micron accuracy (application dependant)
<i>Flexsys</i>™ 2000 Fully Automated Workcell	<ul style="list-style-type: none"> ▪ Fully automated <i>Flexsys</i> assembly and process system for high volume production ▪ Designed to work with a wide range of standard tooling ▪ Standard conveyor and process tooling modules, quick change-out toolkits ▪ Industry-standard replacement parts for easier maintenance
<i>Flexsys</i>™ 3000 High Speed Fully Automated Die Bonder	<ul style="list-style-type: none"> ▪ Designed for maximum throughput and flexibility ▪ Vision-guided placement and handling ▪ Epoxy stamping to 50 microns ▪ Typical applications include in-package or chip-on-carrier assembly, epoxy die attach, thermal compression bonding and flip chip bonding
<i>Flexsys</i>™ 4000 Ultra High-Precision System	<ul style="list-style-type: none"> ▪ Ultra high accuracy (submicron) performance and capability on a standard machine platform ▪ Vision-guided placement and alignment to submicron accuracy’s ▪ Data-driven software design for maximum flexibility ▪ Typical applications include in-package or chip-on-carrier assembly, die bonding, epoxy dispense



For more information about *Flexsys*[™] process and assembly systems, contact:

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CAPTION FOR PHOTO:

ATS *Flexsys*[™] workcells offer automated process and assembly capability for today with the ability to scale up for tomorrow.