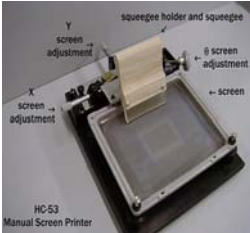




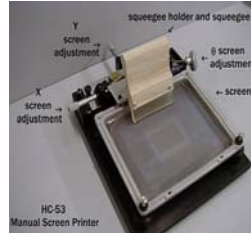
AMI's precision screen printers are available for applications from prototype to high volume production in configurations from tabletop to standalone to fully automated systems. We offer a variety of options for our printers, including choice of PLC or PC controls, print heads, vision alignment, in-line IR dryers, and automation equipment for substrate and board handling. Screen printing supplies are also available.

Manual



Model HC-53 with manual squeegee

A manual screen printer, rugged, versatile, and with minimal setup time. Maximum print area is 5" x 6" (127mm x 152mm).



Model MSP-088 with manual squeegee

A manual screen printer, rugged, versatile, and with minimal setup time. Maximum print area is 8" x 8" (203mm x 203mm).

Semi-Automatic with PLC Control



Model MSP-645

Arrangement is very flexible and automatic load/unload options are available. Recommended for general purpose, reliable precision screen printing over a maximum 3" x 3" (76mm x 76mm) area.



Model MSP-485

Uses the patented AMI Torsion Bar squeegee head with a reciprocating substrate carriage and features front-panel programmable print stroke and process delays. Manual vision alignment and dual squeegee head options available. Recommended for prototype and medium production volume screen printing over a maximum 8" x 8" (203mm x 203mm) area.



Model MSP-885

A very flexible production printer mounted in a rectangular frame with a reciprocating substrate carriage; literally 1,000's of these printers are in use around the world. Available in 3 versions: MSP-885; MSP-885PC; MSP-886PC. Recommended for general purpose, low-cost/high throughput screen printing over a maximum 8" x 8" (203mm x 203mm) area, or for automatic screen printing systems.



Model XP-508

Standalone, semi-automatic printer developed for maximum flexibility and economy. Print alignment is by manual stage adjustment. Programmable control of squeegee speed and pressure is a standard feature. LCD display with keypad and function key setup. Manual vision alignment options are available. Recommended for economical fine-pitch stencil printing or general purpose screen printing.



Model MSP-9155

A production printer capable of printing substrates or boards up to 16" x 16" (406mm x 406mm). A flexible production printer mounted in a rectangular frame with a reciprocating substrate carriage. Available in 3 versions: MSP-9155; MSP-9155PC; MSP-9156PC. Recommended for large area ceramic, flex circuit, and green ceramic (LTCC) printing, or for SMT fine pitch applications where a wide range of PCB and panels must be accommodated.



Model MSP-1825

A production printer capable of printing substrates or boards up to 18" x 20" (457mm x 508mm). A flexible production printer mounted in a rectangular frame with a reciprocating substrate carriage. Available in 3 versions: MSP-1825; MSP-1825PC; MSP-1826PC. Recommended for area ceramic, flex circuit, and green ceramic (LTCC) printing, or for SMT fine pitch applications where a wide range of PCB and panels must be accommodated.

Semi-Automatic with PC Control



Model MSP-885PC

These versions of the MSP-885 feature PC controls, a GUI (graphical user interface) for the operator, and electric servo motor squeegee drive.

Maximum screen size: 12" x 12".



Model MSP-1005PC

Fully PC-controlled (Pentium™ + Windows) with graphical user interface for setup and operation via light pen/monitor. Can be used with either stencils or screens for both thick-film/hybrid microelectronics or SMT applications.

Maximum screen size: 15" x 15"



Models MSP-9155PC

PC controls, a GUI (graphical user interface) for the operator, and electric servo motor squeegee drive.

Maximum screen size: 20" x 20"



Models MSP-1825PC

These versions of the MSP-1825 feature PC controls, a GUI (graphical user interface) for the operator, and electric servo motor squeegee drive.

Maximum screen size: 29" x 29"

Fully Automatic with PC Control and Automatic Vision



Models MSP-886PC

These versions of the MSP-885 feature PC controls, a GUI (graphical user interface) for the operator, and electric servo motor squeegee drive. In addition, the MSP-886PC offers fully automatic operation with automatic vision alignment.

Maximum screen size: 12" x 12"



Model MSP-1005PC

Fully PC-controlled (Pentium™ + Windows) with graphical user interface for setup and operation via light pen/monitor. Can be used with either stencils or screens for both thick-film/hybrid microelectronics or SMT applications. Many automation options available.

Maximum screen size: 15" x 15"



Models MSP-9156PC

PC controls, a GUI (graphical user interface) for the operator, and electric servo motor squeegee drive.

Maximum screen size: 20" x 20"

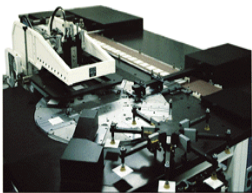


Models MSP-1826PC

These versions of the MSP-1825 feature PC controls, a GUI (graphical user interface) for the operator, and electric servo motor squeegee drive.

Maximum screen size: 29" x 29"

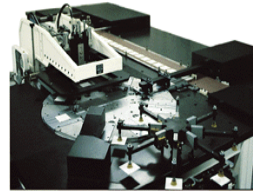
High-Speed Rotary



Models MSP-647

The MSP-647 is very high volume systems with typical throughput rates of 1,000-5,000 parts per hour.

Maximum screen size: 8" x 10"



Models MSP-887

The MSP-887 is very high volume systems with typical throughput rates of 1,000-5,000 parts per hour.

Maximum screen size: 12" x 12"



Vietnam's leading supplier of semiconductor interconnect assembly equipment.

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