

SIPLACE X-Series S

THE ULTIMATE SMT SOLUTION FOR HIGH-END APPLICATIONS



The SIPLACE X-Series features maximum productivity, flexibility, quality and investment protection. As our top-of-the-line platform, it delivers optimum line balancing, coordinated processes and world-class performance as well as fast and easy new product introductions, intelligent setup concepts and total placement process control. And it does all of this in a smaller footprint and with more flexibility thanks to modular gantries.



The modular SIPLACE X-Series can be adapted perfectly to any requirements. You can select the optimal configuration for any production line depending on what works best for making your business successful. Three different models are available:

- The SIPLACE X2 S and X3 S with their modular gantries are often used as flexible placers for special components.
- The SIPLACE X4 S is primarily used as a high-speed runner or as a fast and flexible end-of-line machine, depending on its head configuration.

Your benefits at a glance

- Only three placement heads cover the entire standard component spectrum
- Innovative SIPLACE software portfolio allow huge productivity increases in your production
- Gantry modularity for flexible performance scaling
- Handle boards with dimensions of up to 850 mm x 560 mm
- High setup capacities despite short line lengths
- SIPLACE Smart Pin Support for fully automated board support

SIPLACE X-Series S

Lean, flexible, powerful

The SIPLACE X-Series S is the ideal solution for high-volume manufacturers with the highest requirements in terms of speed, flexibility and accuracy.

Easy transport of large and wide boards

The SIPLACE X-Series S single-conveyor model supports boards with dimensions of up to 850 mm x 560 mm by default. Additional available options expand its spectrum even further.

Market-leading software tools included

For additional improvements in line productivity, the innovative SIPLACE software suite provides comprehensive solutions with modular tools for SMT lines and production management as well as for production scheduling and control.

Just three heads to cover all your needs

The **SIPLACE SpeedStar**, as high speed Collect & Place head, combines handling of smallest component sizes as 0201 (metric) with extremely high placement performance.

The **SIPLACE MultiStar**, with its unique combination of three different placement modes, covers a very big component range and balances the line perfectly.

The **SIPLACE TwinHead**, as versatile Pick & Place head, odd-shaped and high components can even be placed with very high force. Challenging processes as “Snap In” or “Through Hole” are integrated within the standard SMT placement.

Thanks to the unique features of all three placement heads and their flexible combination within the line, a high machine utilization is reached regardless of the product range.

SIPLACE Placement Heads



SIPLACE SpeedStar

SIPLACE MultiStar

SIPLACE TwinHead

TECHNICAL DATA*

Head types	SIPLACE SpeedStar / SIPLACE MultiStar / SIPLACE TwinHead		
Component spectrum	0201 (metric) to 200 mm x 125 mm with heights of up to 25 mm		
Speed	SIPLACE X2 S	SIPLACE X3 S	SIPLACE X4 S
Theoretical rating	85,250 cph	127,875 cph	170,500 cph
SIPLACE benchmark	65,500 cph	94,500 cph	125,000 cph
IPC rating	52,000 cph	78,100 cph	105,000 cph
Placement accuracy	Up to 22 µm at 3 sigma		
PCB dimensions (single conveyor)	450 mm x 560 mm (up to 850 mm x 560 mm with LBO)		
Feeder slots	160 8-mm tracks		
Machine dimensions (length x width)	1.90 m x 2.60 m		
Conveyors	Single conveyor / flexible dual conveyor		
* Performing professional maintenance in the scope and intervals recommended by ASM ensures that your SIPLACE equipment will deliver the specified performance and accuracy across its entire life cycle. Our various maintenance contracts make this job even easier for you.			

ASM Assembly Systems GmbH & Co. KG
 Rupert-Mayer-Str. 44
 81379 Munich, Germany
 Tel: +49 89 20800-27819
 Fax: +49 89 20800-36692
 smt-solutions.de@asmpt.com

www.asm-smt.com

This brochure contains only general descriptions and/or features which may not apply to a specific product or may change as a result of new product developments. Specific features are only binding if they were expressly specified in the respective contract.

A10011-ASM-G135-EN Edition 4-04/2016