

SIPLACE SX-Series

THE REAL CAPACITY ON DEMAND SMT SOLUTION



The electronics production of the future needs SMT lines which are scalable on demand, letting electronics manufacturers adapt its performance as well as its capacity quickly and without time-consuming reconfigurations. SIPLACE is the first to offer this manufacturing concept of the future with its new SIPLACE SX.



Does manufacturing flexibility cost you a lot of money? Do fluctuating requirements, component spectrum changes and new product introductions compel you to make time-consuming and expensive line reconfigurations? Do you want to purchase the equipment or rent it to meet seasonal demand peaks?

The new SIPLACE SX platform finally takes care of all these challenges, because it was developed from the ground up with maximum adaptability in mind.

With the SIPLACE SX, you pick and choose – and change – what you need, when you need it.

You invest only in your current requirements.

How your production will benefit from the SIPLACE SX:

- Maximum flexibility in performance as well as in capacity
- Full gantry modularity
- Minimum in reconfigurations
- Maximum line balancing through:
 - SIPLACE MultiStar
 - SIPLACE Speedstar
 - SIPLACE TwinHead
- Scalable feeder slot capacity

SIPLACE SX-Series

Full Gantry Modularity

The SIPLACE SX is the first machine series with complete gantry modularity. This makes cumbersome line re-configurations unnecessary. Removing and installing a gantry takes a single operator less than 30 minutes.

The SIPLACE SX is the ideal answer to the increasingly rapid and massive demand fluctuations in today's business. If you need more performance just add another gantry. To manage temporary demand peaks, you can even rent additional gantries.

Scalable Feeder Slot Capacity

If your placement performance is sufficient, but you need more feeder slots just acquire a SIPLACE SX module without a gantry. This adds up to 120 slots and requires only 1.5 meters of line space. All that's left for you to do is to transfer a gantry and placement head to the new SIPLACE SX module.

The SIPLACE SX lets you scale performance and capacity independently of each other and in line with your requirements.

Three placement heads for all your requirements:

SIPLACE SpeedStar: Our high-speed and high-precision collect-and-place head places even the smallest components like 0201m with exceptional speed.

SIPLACE MultiStar: Since this multitasking head combines three placement modes based on software commands it covers an extremely broad component spectrum for optimal line balancing.

SIPLACE TwinHead: Our versatile pick-and-place head handles odd shapes, large and tall components, and optionally anything that requires a lot of force. It allows you to integrate snap-in or through-the-hole placements into the regular SMT process.

Combining these powerful placement heads on the line ensures high machine utilization irrespective of the component spectrum.

SIPLACE Placement Head



SIPLACE SpeedStar

SIPLACE MultiStar

SIPLACE TwinHead

Because of the innovative flexibility, the SIPLACE SX makes physical line reconfigurations a thing of the past. The SIPLACE SX will give you and your production a lot more room to "breathe" and adapt to the constantly changing requirements of today's markets.



With a SIPLACE SX Capacity of Demand placement machine you can change a gantry in less than 30 minutes.

TECHNICAL DATA

Benchmark Placement Performance	Up to 74,000 cph
IPC Placement Performance	Up to 59,000 cph
Feeder Capacity	120 tracks per machine
Component range	0201 (metric) up to 200 mm x 125 mm
PCB dimensions (l x w)	50 mm x 50 mm ~ 610 mm x 560 mm (larger sizes on request)
Machine size (l x w)	1.5 m x 2.6 m
Gantry Exchange	Less than 30 minutes

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
Phone: +49 89 20800-27819
Fax: +49 89 20800-36692
smt-solutions.de@asmpt.com

www.asm-smt.com

The information in this specification consists only of general descriptions and / or performance features, which is not contractually binding. Any specific performance features / capabilities will only be binding if contractually agreed. Subject to changes without notice.

A10011-ASM-G87-EN Edition 1-04/2016