

ASMPT enabling the
digital world



SIPLACE X S

Maximum capacity for the Integrated Smart Factory

MAXIMUM PLACEMENT PERFORMANCE

SIPLACE X S

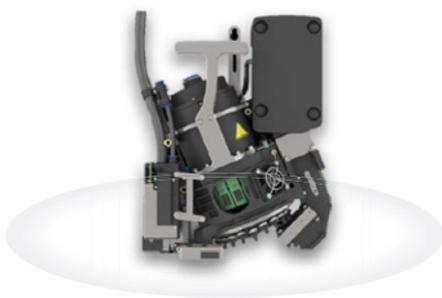
THE NEW STANDARD IN HIGH-VOLUME PRODUCTION

Tailor-made for your production, the new SIPLACE X S is the machine of choice for demanding high-volume applications. Robust placement heads and intelligent feeders ensure an extremely fast placement process while smart sensors and a unique digital vision system provide maximum precision and process reliability. Innovations like fast and precise PCB warpage detection complete the overall package.

The SIPLACE X S is the perfect solution for telecommunication/5G, IT/ server and other demanding applications where you want to be a step ahead of the competition with non-stop processes, maximum yields, extreme productivity, and the lowest placement costs.

THE HEAD MAKES THE DIFFERENCE

THREE INNOVATIVE PLACEMENT HEADS DELIVER PERFORMANCE, FLEXIBILITY AND BALANCE.



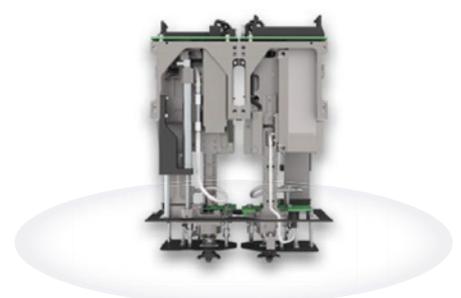
Placement Head CP20

- Component spectrum: 0201 metric to 8.2 mm x 8.2 mm x 4 mm
- Extremely fast with up to 43,000 cph



Placement Head CPP

- Switches from pick-and-place to collect-and-place to mixed mode
- Component height: Up to 15.5 mm
- Component weight: Up to 20 g



Placement Head TWIN

- Component height: Up to 25 mm
- Component weight: Up to 160 g
- Snap-in detection



Modular, flexible, open – Standard interfaces and a growing number of automation options make the SIPLACE X S the number one choice for your demanding high-volume production applications.

OUR GOAL: REDUCING PLACEMENT COSTS



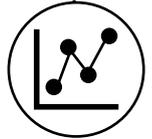
Maximum performance

Innovative placement modes raise the placement performance to up to 172,000 cph



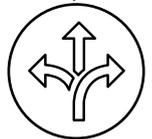
Maximum placement quality

The unique digital vision system, sensor technology and smart feeders ensure maximum placement quality



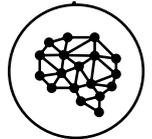
Total flexibility

Intelligent placement head technologies ensure perfectly balanced lines with any product mix



Smart solution

Intelligent, self-healing systems and state-of-the-art software reduce manual assists to an absolute minimum



Predictive maintenance

Sensors and software capture the machine's behavior for predictive and preventive maintenance



SMART WORKFLOWS

WORKS – SMART SHOPFLOOR MANAGEMENT SUITE

With the Smart Shop Floor Management Suite WORKS, you get the most out of your SIPLACE X S high-volume production line and lay the foundation for your Integrated Smart Factory. It makes your employees' work easier in their respective areas, controls and optimizes the production flow, and calculates the component requirements during the assembly process. AMR fleet management applications and enterprise solutions such as MES and ERP software can be easily connected.

Open and standard-based interfaces such as IPC-HERMES-9852 and IPC-CFX ensure consistent M2M and M2H communication.

More about the
SIPLACE X S



SIPLACE X S

Technical data*	SIPLACE X2 S	SIPLACE X3 S	SIPLACE X4 S	SIPLACE X4i S
Speed (benchmark rating**)	75,000 cph	112,500 cph	150,000 cph	172,000 cph
Speed (IPC rating)	65,000 cph	97,050 cph	130,000 cph	146,000 cph
Feeder slots	160 x 8 mm			148 x 8 mm
Component spectrum	0201 metric to 200 mm × 110 mm × 25 mm			
Board sizes	50 mm × 50 mm to 850 mm × 685 mm			
Machine dimensions (L x W x H)	1.9 m × 2.6 m × 1.6 m			
Placement heads	Placement Head CP20, Placement Head CPP, Placement Head TWIN			
Placement accuracy	22 µm @ 3 σ (with Placement Head TWIN)			
Conveyors	Single conveyor, flexible dual conveyor			

* Professional maintenance in accordance with the intervals and scope recommended by ASMPT ensures that your SIPLACE equipment complies with specified performance and accuracy values across its entire life cycle. We offer custom-tailored maintenance contracts. Please contact us.

** SIPLACE benchmark

ASMPT

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