



SIPLACE 

www.asm-smt-solutions.com

SIPLACE TX

Speed and Quality without Limits

SIPLACE TX: Top quality for high-volume production



Speed and Quality without Limits

Fastest placement with maximum quality

Having best-in-class equipment is important for the Smart #1 SMT Factory. That's why electronics manufacturers are looking at the placement machines of the future, such as the SIPLACE TX modules. With its new TX modules, technology leader SIPLACE has managed to perfect the collaboration of feeding and head technologies, vision systems, linear drives and machine controls in a very small footprint.

With a maximum speed of 78,000 cph, the innovative and scalable SIPLACE TX modules set a new record in placement performance.

Unlimited floorspace performance

The SIPLACE TX modules achieve these new records in placement performance in a sensationally small footprint.

SIPLACE TX, the new world champion in floorspace performance, is only 1 m (39.4 inches) long. 78,000 cph in 2.3 square meters (24.75 square feet) with a feeder capacity of up to 80 x 8 mm tape feeders – a true powerhouse.

And since the SIPLACE TX is only 1.45 m (57 inches) tall, operators can have a much better line overview.



SIPLACE SpeedStar: places super-small 0201 (metric) components at high speed and with extreme accuracy



Limitless scalability

The compact SIPLACE TX modules make it very easy to scale your lines up or down. Optimizing each line is less of an undertaking, because getting the perfect balance between requirements and the number of machines is easier than ever.

No matter with how many modules you start your line – you can increase its performance in steps of just 1 meter (3.3 feet) or 78,000 cph by adding more SIPLACE TX modules.

Maximum accuracy – guaranteed

Extremely fast and accurate: With up to 22 μm at 3 sigma, the new SIPLACE TX modules operate with top accuracy.

Technological breakthrough: The SIPLACE TX is capable of placing super-fine-pitch 0201 (metric) components at highest speed.

This unique combination of accuracy and record-breaking speed makes the SIPLACE TX the clear winner in the race for high-volume 0201 placements.




But that's not all. No matter how many components you place, our improved control and head technologies protect the machine's performance and accuracy for years to come.

Extremely powerful and designed for the high-volume placement of future component generations, the SIPLACE TX modules deliver the level of investment protection electronics manufacturer want and need for their Smart #1 SMT Factory.

SIPLACE TX



	SIPLACE TX1/TX2	SIPLACE TX2i
Machine dimensions (L x W x H)	1.00 m x 2.35 m x 1.45 m	1.00 m x 2.23 m x 1.45 m
Placement heads	SIPLACE SpeedStar (CP20P), SIPLACE MultiStar (CPP), SIPLACE TwinStar	
Placement speed (benchmark rating)	Up to 78,000 cph	
Placement accuracy	Up to 22 µm at 3 sigma	
Component spectrum	0201 (metric) to 45 mm x 55 mm	
PCB dimensions (L x W)	45 mm x 45 mm to 375 mm x 260 mm (dual conveyor) 45 mm x 45 mm to 375 mm x 460 mm (dual conveyor in single mode)	
Feeder slots	up to 80 x 8 mm	
Typical power consumption	1,9 kW (2 x SIPLACE SpeedStar)	
Air consumption	120 NI/min (2 x SIPLACE SpeedStar)	

Placement heads	SIPLACE SpeedStar (CP20P)	SIPLACE MultiStar	SIPLACE TwinStar
			
Component spectrum	0201 (metric) to 6 mm x 6 mm	01005 to 50 mm x 40 mm	45 mm x 55 mm
Component height	4 mm	11.5 mm	25 mm
Placement accuracy (3 sigma)	25 µm	34 µm	22 µm
Max. Speed	39,000 cph	24,000 cph	5,500 cph

ASM Assembly Systems GmbH & Co. KG
 Rupert-Mayer-Strasse 44 | 81379 Munich | Germany
 Phone: +49 89 20800-27819 | Fax: +49 89 20800-36692 | E-mail: siplace.de@asmpt.com

www.asm-smt-solutions.com

Issue 1/10-2015
 All rights reserved
 Order No: A10011-ASM-G155-EN
 Printed in Germany
 © ASM Assembly Systems GmbH & Co. KG

The information in this brochure consists only of general descriptions and/or performance features which may not always apply to concrete products as described or which may change as a result of technical developments or advances. Any specific performance features and/or capabilities will only be binding if contractually agreed upon. All product names are brands or trademarks of ASM Assembly Systems GmbH & Co. KG or other suppliers. Their use by third parties may violate the rights of their owners.