ASM

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.
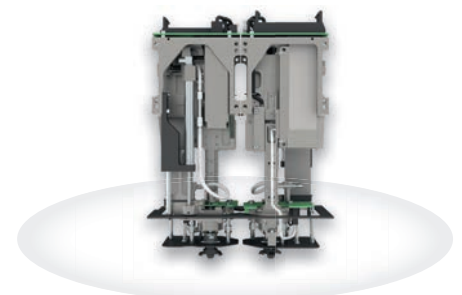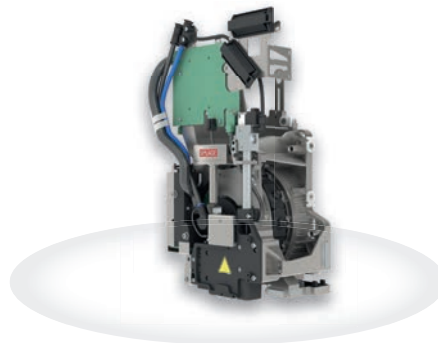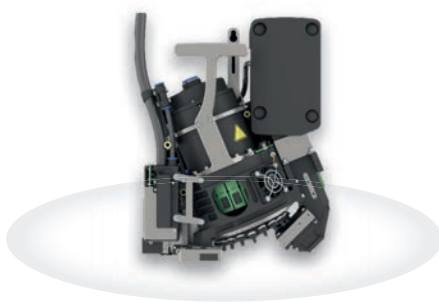
SIPLACE SpeedStar

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

SIPLACE MultiStar

- 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

SIPLACE TwinStar

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

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
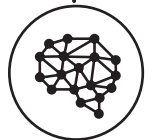
Total flexibility

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

Smart solution

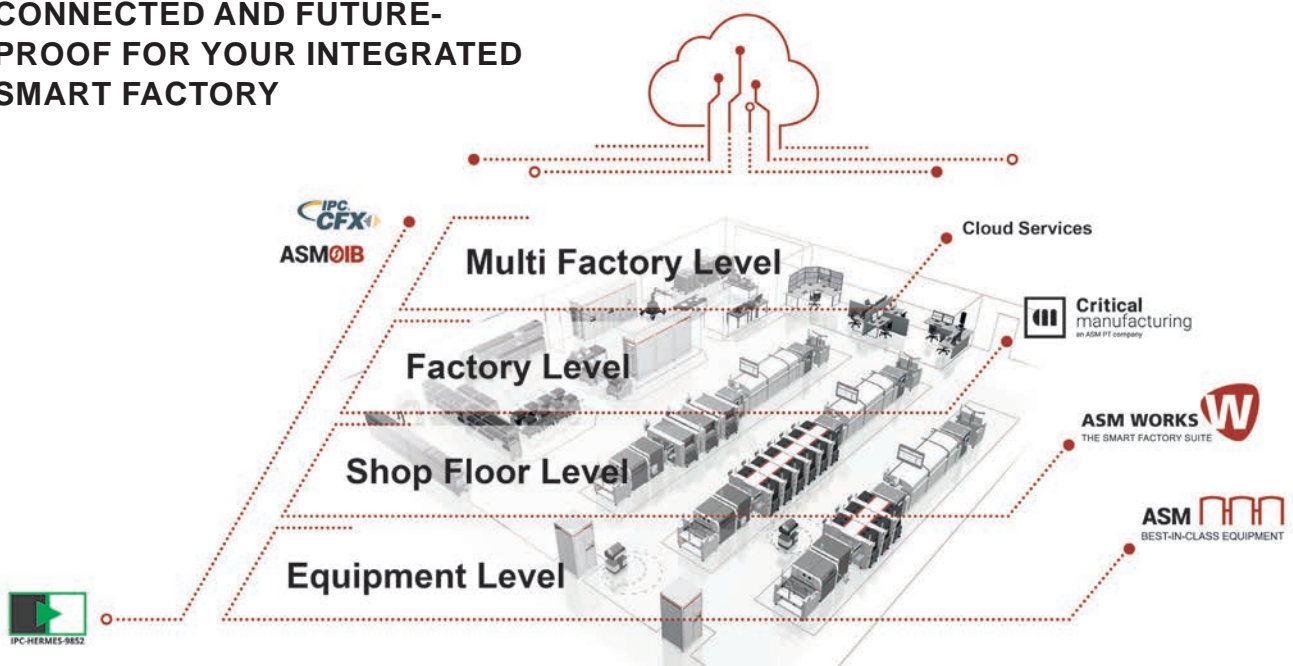Intelligent, self-healing systems and state-of-the-art software reduce manual assists to an absolute minimum

Predictive maintenance

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

SMART
INTEGRATION

CONNECTED AND FUTURE-PROOF FOR YOUR INTEGRATED SMART FACTORY

IPC CFX

ASM IB

Cloud Services

Multi Factory Level

Critical manufacturing
an ASM PT company

Factory Level

ASM WORKS
THE SMART FACTORY SUITE

Shop Floor Level

ASM
BEST-IN-CLASS EQUIPMENT

Equipment Level

IPC-HERMES-9852

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 × 125 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	SIPLACE SpeedStar (CP20P), SIPLACE MultiStar (CPP), SIPLACE TwinStar (TH)			
Placement accuracy	22 μm @ 3 σ (with TwinStar)			
Conveyors	Single conveyor, flexible dual conveyor			

*   Professional maintenance in accordance with the intervals and scope recommended by ASM 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.
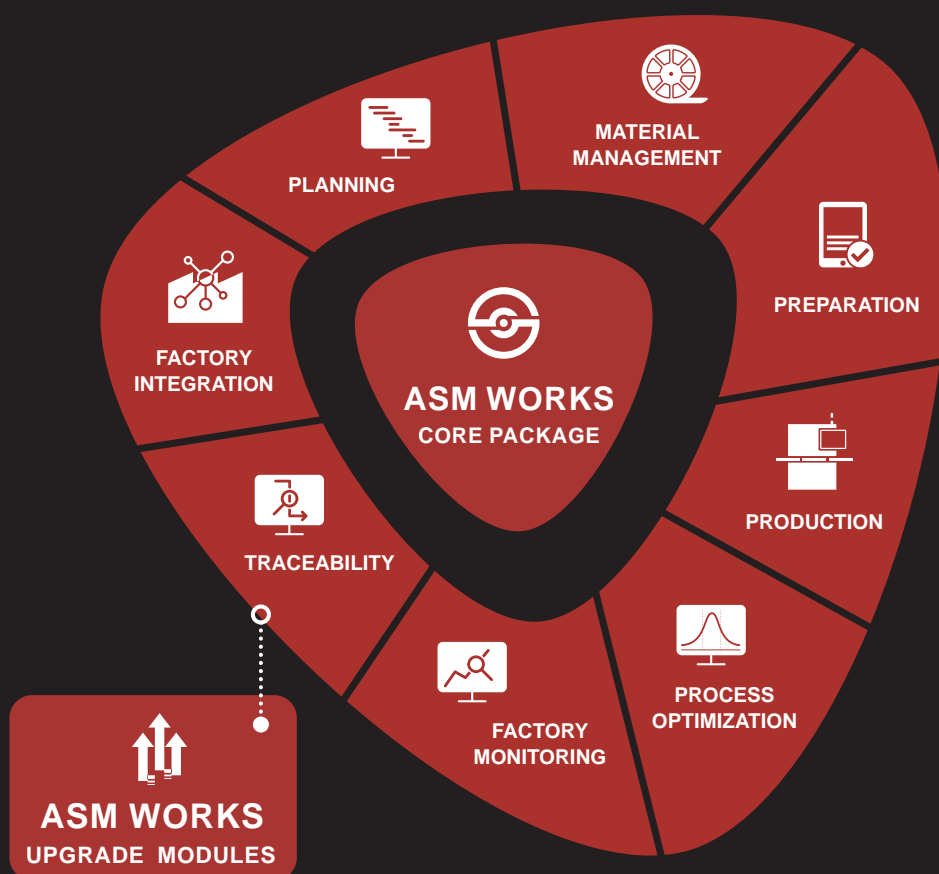
** SIPLACE benchmark

ASM WORKS W
DIE SMART FACTORY SUITE

EVERYTHING CONNECTED AND INTEGRATED

Also top of the line: Our software The **ASM Works Core Package** includes all the core functions you need for modern SMT shop floor management and the seamless integration of machines, materials, people, and processes.

With **ASM Works Upgrade Modules** you can integrate additional processes as needed. Includes many powerful functions for high-volume production: Smart Operator Pools with Operator Guidance, Remote Assists, Predictive Maintenance, Dynamic Order Scheduling, Self-Learning Expert System ...

PLANNING

MATERIAL MANAGEMENT

PREPARATION

FACTORY INTEGRATION

ASM WORKS
CORE PACKAGE

PRODUCTION

TRACEABILITY

PROCESS OPTIMIZATION

FACTORY MONITORING

ASM WORKS
UPGRADE MODULES

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