

## CSM7100

Highly flexible SMD pick and place system with intelligent feeders for high mix / low volume production



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Be more flexible.

# CSM7100

## Low cost pick+place for high mix / low volume production

Feeder capacity 100x8 mm

Intelligent tape feeders 8 to 56 mm

4'000 placements per hour

Optical on-the-fly alignment

Easy graphical operation system

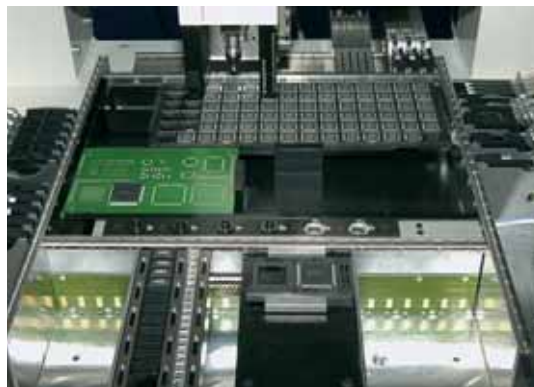
Integrated dispensing system

Barcode based feeder setup

Universal CAD data input filter



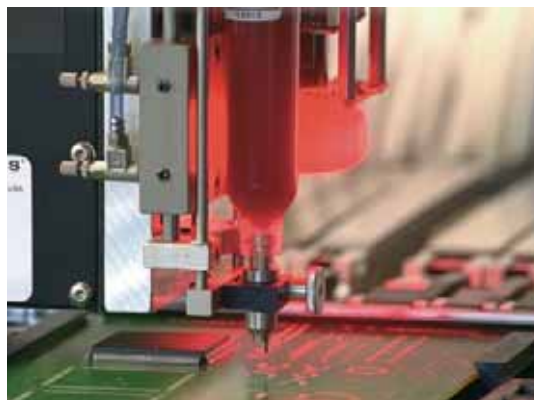
*The standard Cyberoptics laser alignment is accurate, reliable and maintenance free. Every component is measured and aligned on-the-fly with this optical high speed centring system.*



*The high feeder variety provides a wide application range and high flexibility. Tape reels, tape strips, sticks and trays of any size can be used to feed parts. Tall components of 15 mm height can be placed.*

Today's SMD assembly is characterized by small batch sizes and frequent product changes. Therefore, a minimized changeover time is a key characteristic of a modern SMD pick&place system. A large feeder capacity, intelligent feeders and a easy-to-use operation software are key features for a highly flexible production machine.

The CSM7100 SMD pick and place fulfils the requirements of a high mix / low volume SMT production. It offers a wide application range and a outstanding performance.



*The combination of the pick and place with a dispenser saves the cost and floor space for additional equipment. A time/pressure or screw valve dispenser can be integrated.*



*The machine operation software LIGHTPLACER is a key factor for the machine's flexibility. The powerful Windows based software features a fully graphical man-machine interface making operation and programming easy.*

*The pick+place system is available as table top or stand alone model. With a footprint of only 80x80 cm it fits into every production.*

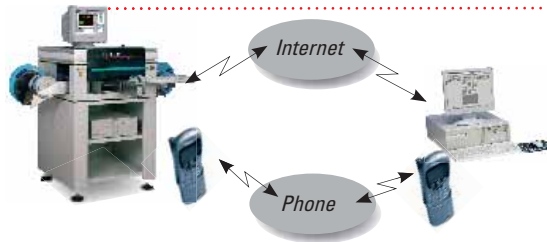
*The large feeder capacity and the automatic recognition of the intelligent feeders ensure minimum changeover times and error-free placement. All tape feeders are electrically driven and the pitch is programmable.*



*The CSM7100 can be programmed online or offline. Barcode labels on feeders and components guarantee the correct and quick feeder setup using a barcode reader.*

## Remote support

The web based Remote support system is a tool that offers quick problem solving with no travelling expenses for service staff. A free license is provided with all new machines.



*With Remote support, the product specialist stands beside the operator - virtually.*

## Complete production line from one source

- Printer
- Dispenser
- Pick+Place
- Reflow oven
- Wave soldering system
- Board handling
- PPS software
- Process know how



*ESSEMTEC supplies complete SMT lines including process know how from one source. The worldwide support and the high innovation potential assure a strong and future oriented partnership with our customers.*

## The production grows - your partner stays the same

All ESSEMTEC pick and place systems are modular and work with compatible software and feeders. An expansion of the current machine or an exchange against a faster machine (FLX series) is possible at any time.



*ESSEMTEC pick and place systems are compatible regarding operation, programs and feeders.*

**Headquarters**  
ESSEMTEC AG  
Mosenstrasse 20  
CH-6287 Aesch/LU  
Switzerland  
Phone +41 (0)41 919 60 60  
Fax +41 (0)41 919 60 50  
info@essemtec.com

**North America**  
ESSEMTEC (USA) LLC  
816N. Delsea Drive #308  
Glassboro, NJ 08028-1499  
USA  
Phone +1 856 218 1131  
Fax +1 856 218 1134  
sales@essemtec-usa.com

**Germany**  
ESSEMTEC Deutschland  
Herzog-Arnulf-Strasse 20  
D-85604 Zorneding/München  
Germany  
Phone +49 (0)8106 24 86 22  
Fax +49 (0)8106 24 86 23  
germany@essemtec.com