

Essemtec Company History

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Essemtec is one of the world leaders in providing specialised production equipment for the low end to midsize market of Surface Mount Technology. The combination of fine engineering in hardware and software and proven Swiss Quality production enables us to manufacture machines which are widely introduced today on the world market.

Engineering and Production:

In-house mechanical engineering as well as in-house software development guarantee state of the art machinery in all areas of the electronic production industry. Highly educated and motivated staff secure world class production and assembly of all machines.

Despite the fast growth of the last few years, ESSEMTECs goal has been and will always be to stay ahead of competition regarding quality and offered features.



Products:

Specialised in manufacturing equipment for low to midsize production runs as well as prototyping for the electronic industry in the field of Surface Mount Technology. Production and distribution of SMD pick and place systems, reflow ovens, screen/stencil printer as stand alone or complete turnkey solutions.



Distribution:

Headquarters: ESSEMTEC AG, Aesch/LU, Switzerland
 Germany: ESSEMTEC Deutschland AG, München
 North America: ESSEMTEC (USA) LLC, Glassboro NJ
 Worldwide: Sales and service partners in more than 35 countries

Name:

The brand ESSEMTEC stands for our competence and found know how in the field of Surface Mount Technology:

ESS (= S) EM (= M) TEC (= T)



History of ESSEMTEC:

- 1991 Take over of all SMT activities of "fm surface mount" manual pick and place systems
- 1992 Market Introduction of a complete new range of manual pick and place systems
- 1993 Market introduction of a new family of semiautomatic pick and place systems
- 1994 Moving into a bigger location
- 1995 Market introduction of full range of manual printers and table top reflow ovens
- 1996 Expansion of production floor space. Market introduction of table top convection ovens and squeegee guided printers
- 1997 Market introduction of semiautomatic printer and conveyor reflow ovens
- 1998 Market introduction of the CLM9000 fully automatic pick and place system
- 1999 Market introduction of SMEMA conveyor, Vision systems and stand alone RO400 reflow oven. Moving into the new head office building in Aesch/Switzerland
- 2000 Founding of ESSEMTEC Germany. Market introduction of programmable printers and full convection inline reflow oven. Doubling the production capacity
- 2001 Founding of ESSEMTEC France. Market introduction of a fully automatic, vision based printer.
- 2002 Founding of ESSEMTEC USA. Release of a smaller pick&place (CSM7000) and of a special manual placer for finepitch and BGA.
- 2003 Take over the complete dispenser product line from MC-Soft. Replacement of the pick&place CLM9000 by the new modular FLX platform.
- 2004 Development of the Software M.I.S. for production planning, simulation, optimization, control and documentation.
- 2005 Market introduction of faster HLX pick&places and wave solder machines. Expansion of the office track at the headquarters in Aesch.
- 2006 Introduction of the new SP900 printer series, expansion of the production floor by another 30%.



Manual SMD placer FM201 (1991)



Automatic pick&place CLM9000 (1998)



Automatic pick&place CSM7000 (2002)



Automatic pick&place FLX2010 (2003)



Megaflex assembly line with inline printer, HLX pick&places and full convection reflow oven (2006)

References:

More than 3.000 ESSEMTEC systems are in daily use worldwide.
Contact us for detailed reference lists.



Partnership:

We're looking into long lasting partnerships with our customers to provide them outstanding service and state of the art solutions. With the ideal mix of all machines which are required for today's and future production, we can offer turnkey solutions including application know how.

