

Panacol heat stacking systems

For forming plastic components for fixing printed circuit boards

System properties

- The alternative to riveting, bolting or bonding
- Uses the same concept as our hot bar soldering and heat sealing systems
- Wide range of applications
- Special machines for specific production requirements

Advantages

- Short process times
- Reproducible contours and shaping
- Precise heat transfer
- Special non-stick coatings

Panacol heat stacking systems:
Optimum manufacturing solutions, tailored to your specific production requirements.

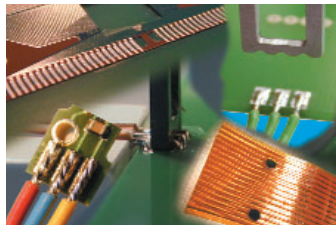
Specially designed for use in the LCD and PCB production, Panacol heat stacking systems form part of our intelligent, compatible systems.

They guarantee optimised production processes for superior quality with low defect rates and production costs.

One system concept, three applications

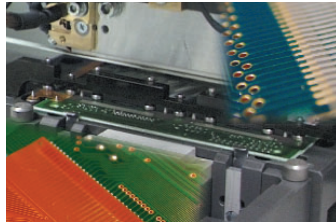
Hot-bar soldering machines

Intelligent, innovative systems for flat packs, TABs, SMDs, LCDs, soldering wires to PCBs, soldering pins and more.



Heat sealing presses

Regulate time, pressure and temperature according to substrate. Pulsed heaters allow processing at low temperatures.

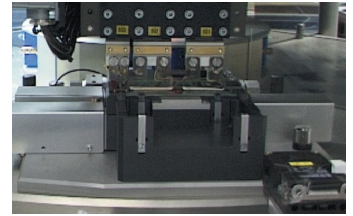


Heat stacking systems

For forming plastic components with material-specific control of temperature and pressure. Our hot-forming and heat stacking systems are used, for example, for remelting plastic domes for fixing PCBs.

The heat stacking process is the ideal alternative to riveting, bolting and bonding.

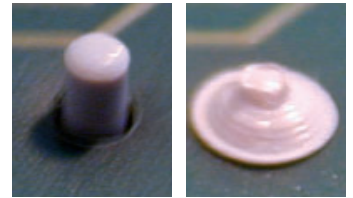
Customised shaping of the tool's geometry and remelting edge make it flexible in its application



It is inexpensive and fast, with short die heating-up times of less than 0.5 seconds depending on type and shape.

It allows forming of plastics while holding down the work-piece with the tool.

After forming, the tool is cooled on the workpiece through cooling air nozzles.

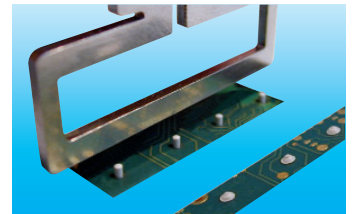
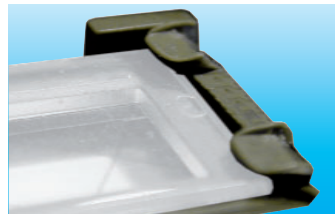


This ensures retention of the workpiece shape and prevents adherence of the formed plastic to the tool. In addition the tool can be finished with a special anti-adhesive surface coating.

The key advantages at a glance

- Short process times
- Reproducible contours and shaping
- Precise heat transfer
- Special non-stick coatings

For each system we offer concept development, production and equipment of special-purpose machines tailored to individual production requirements.



hönle group		Curing	Dispensing	Bonding	Potting	Hot bar soldering
aladin	eleco-efd	eltosch	hönle	panacol	printconcept	



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