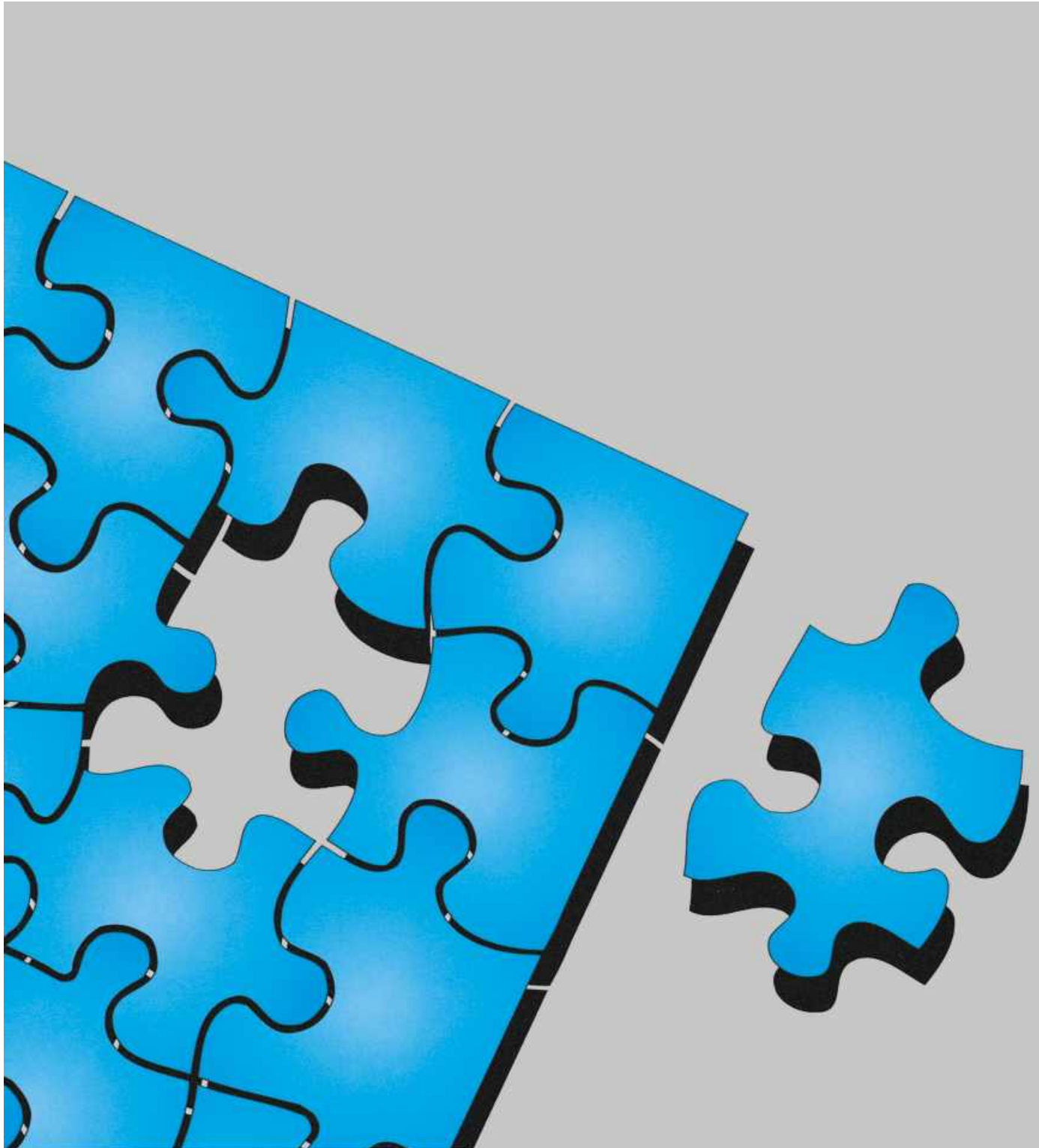


## **Production-systems for the electronics industry**

Consultation – Planning – Development  
Realisation – Care and Control – Service



# Experience, competence and systematics

## The Company

We are an innovative, modern structured company with an international clientele from a wide selection of areas of the electronics and the electro-mechanics. Our high rate of efficiency is based on equipment which corresponds to the most modern state of the art and on the excellent qualifications of our employees.

ENGMATEC TECONA employees have long experience in the planning, development and realisation of operating systems, fully automated production units, complex production systems (complete television set factories in other countries) and the manufacture of electronic and electro-mechanical modules and instruments.

## The Philosophy

Each task has to be considered as part of a complete concept. An optimum solution is only possible if the task-related surroundings are taken into consideration, the personnel resources are available and systematic processing takes place.



These conditions are fulfilled by ENGMATEC TECONA. Apart from the highly qualified system developer and designer, the personnel structure includes the technologist and the industrial engineer.

The methods of system engineering form the basis of the entire conception and the systematic handling.

No compromises are made regarding adherence to safety regulations, VDE, CE and similar regulations.

## The Efficiency Spectrum

ENGMATEC TECONA offers you a comprehensive standard programme of welltried production systems. The consequent modular set-up of the systems, an intelligent control concept and standard interfaces guarantee a safe function in each system configuration without change of control. A decisive contribution to the subject of flexibility and economy.

Special systems for the most varied applications, with the same technical equipment, complete the standard programme.

Consulting, including the successive implementation by ENGMATEC TECONA, round off the performance offer.

**The planning and realisation of complex systems, such as complete production units or lines, is ENGMATEC TECONA's particular strength.**



## Products and performances

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### Handling and transport systems

- for circuit boards
- for solder frames
- for work-piece carriers
- Transport conveyors
- Vertical lifts
- Horizontal lifts
- Turning stations
- Flip units
- Loading/unloading units
- In-line buffer (FIFO/LIFO)
- Turning lift stations
- Path through stations
- Systems with manual and automatic magazine handling

### Test systems

- In-line or autarkic
- Manual or automatic process
- In normal or extreme temperature ranges (alternating from -40°C to 125°C)
- In-circuit test
- Function test
- Test with automatic alignment
- Picture processing
- High frequency
- Special test systems

### Special systems

- Handling and transport
- Automatic assembly

### Inter-linking of manufacturing processes

- TECONA products
- Products from other sources
- Planning
- Handling and transport systems
- Integration of manufacturing systems
- HOST communication
- Process visualisation
- PPS
- Data remote transmission