

A surreal landscape featuring rolling green hills under a bright blue sky with scattered white clouds. A paved road with white dashed lines curves through the grass, leading towards a modern city skyline on the horizon. The skyline includes several tall, glass skyscrapers, with the most prominent one being a tall, slender tower. The overall scene suggests a journey from nature to urban development.

# Kieback&Peter GmbH & Co. KG

## Production and Services

## Leading System Provider for Building Automation

### **We Provide Solutions**

- Devices, systems and services for heating, ventilation and air condition control; Facility Management and energy efficiency
- System Integration





## Customer Proximity

### **32 Locations in Germany**

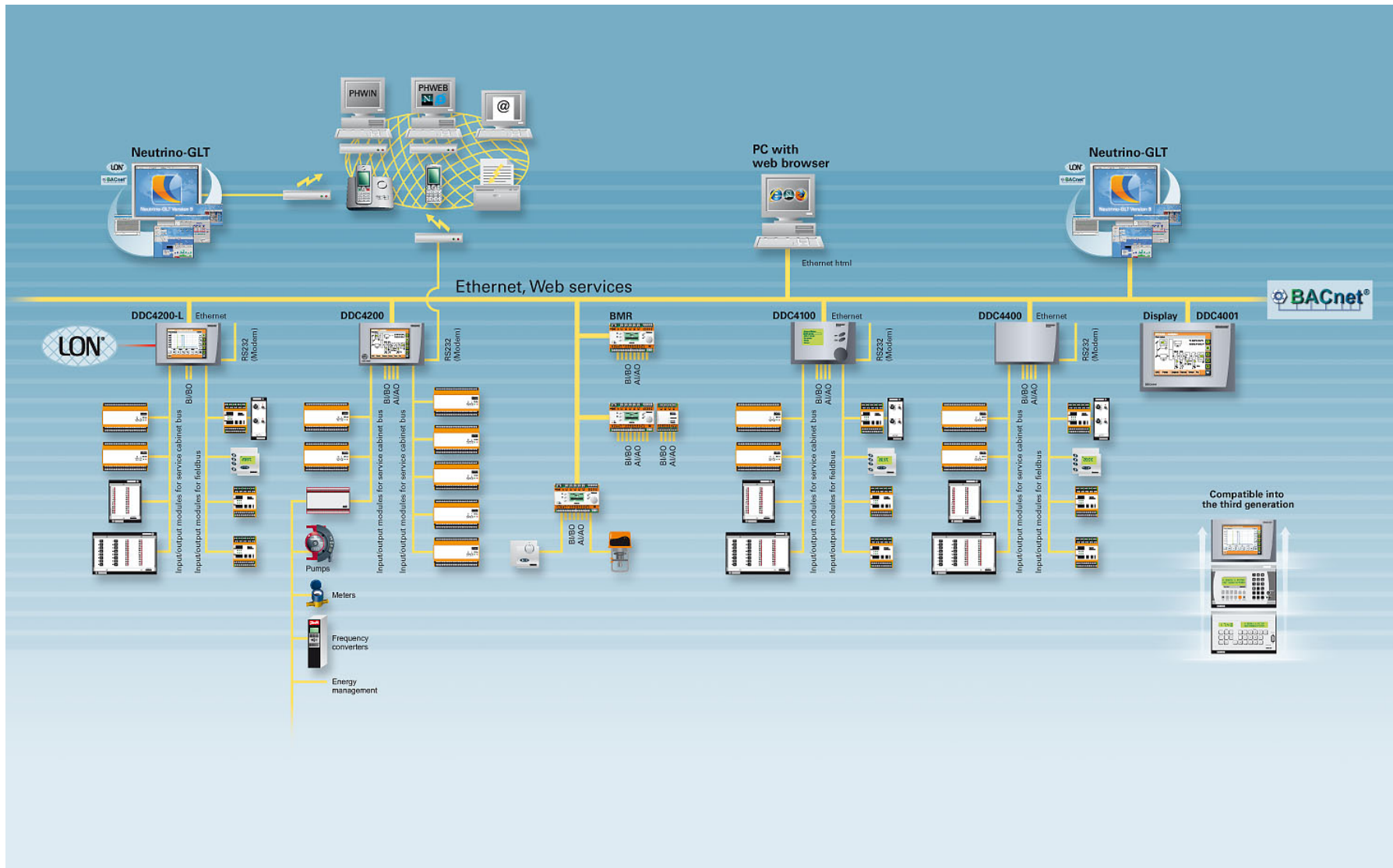
#### **... and 16 Countries & Regions Worldwide:**

Austria, China, Denmark, France, Hungary, Italy,  
Lithuania, Luxembourg, Macedonia, The Netherlands,  
Poland, Russia, Sweden, Switzerland, Spain,  
Middle East



## Top-Quality Products for Integrated, Comprehensive Solutions From Servo Drives to Building Control





## Mövenpick Hotel, Amsterdam City Centre **Efficiency and Comfort**

- 408 rooms, conference center for 600 persons, health club
- DDC4000 automation system controls heating, ventilation, air conditioning and warm water
- Ventilation of elevators, monitoring and control with Neutrino-GLT





## B. Braun Production Site, Melsungen **Production for Human Beings**

- Pharmaceutical production with high requirements concerning quality assurance and failure safety
- Control of building management and supply of production via Automation system
- Monitoring and operation via Neutrino-GLT central building management control system
- About 28.600 data points

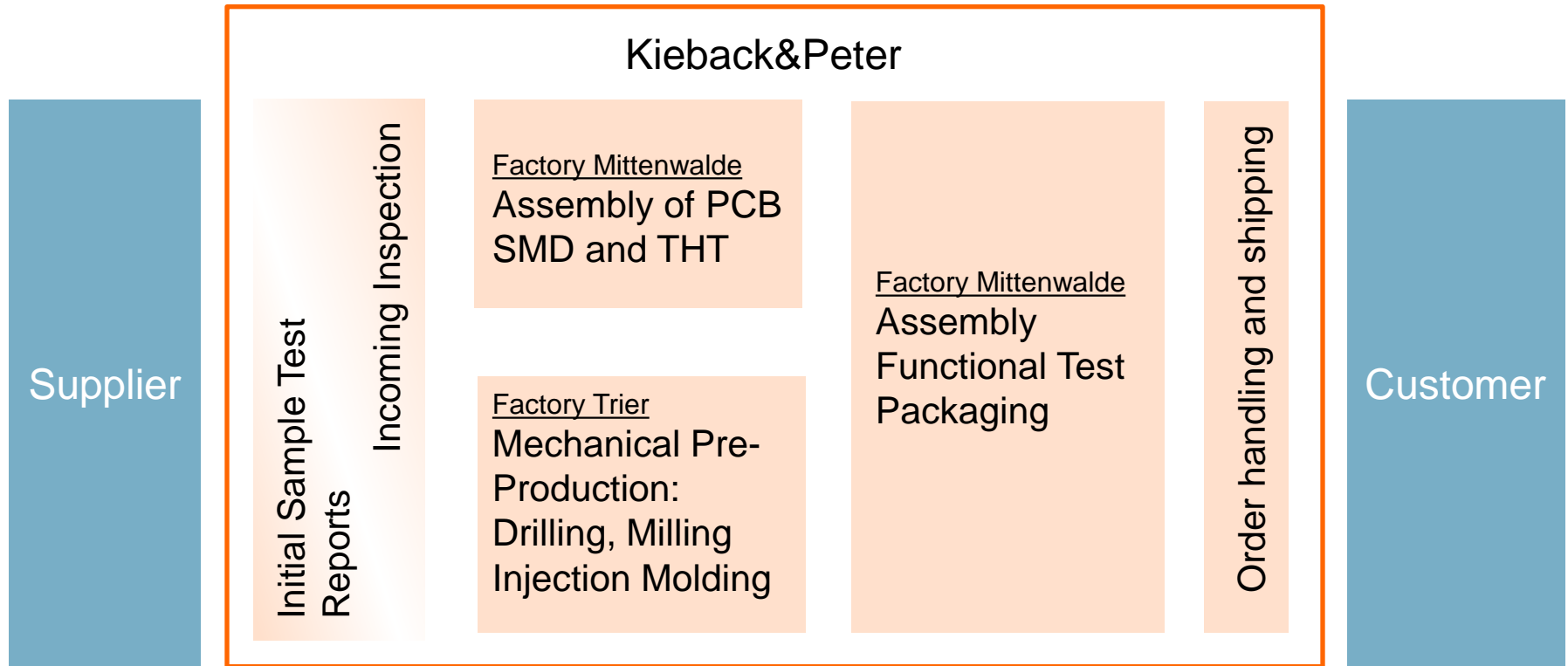


 Made  
in  
Germany



- **Kieback&Peter Production**
- **Products designed, engineered and made in Germany.**
- **The development department is located at our headquarters in Berlin, Germany.**
- **Production takes place at our two factories in Mittenwalde, near Berlin (upper photo) and in Trier, Germany's oldest city (lower photo)**







- **Kieback&Peter is certified in the following areas:**
  - **DIN EN ISO 9001 Quality Management Certificate since 1994. Audited annually**
  - **DIN EN ISO 14001 Environment Management Certificate since 2008. Audited annually**
  - **DIN EN ISO 50001 Energy Management Certificate as of summer 2016**
  - **Maintenance of industrial health and safety standards Certificate as of summer 2016**

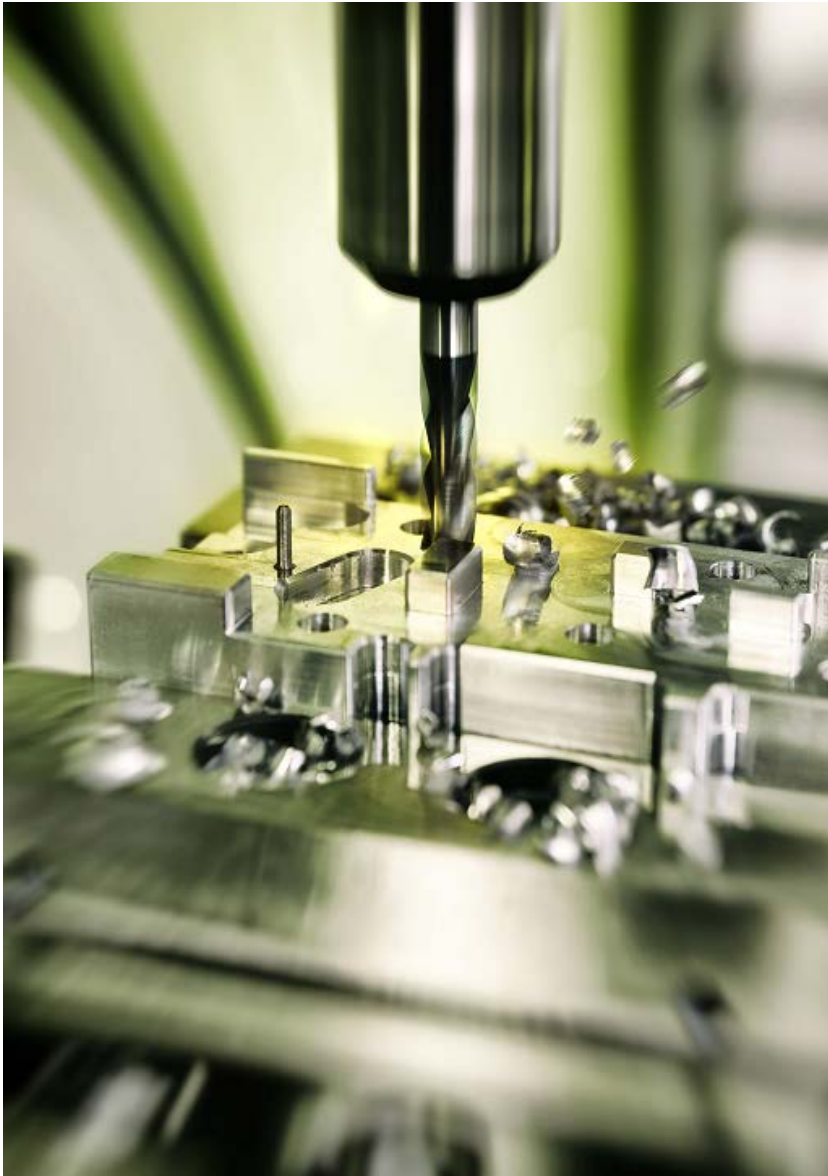


- **New products require new components and all components have an impact on the quality of the product.**
- **Various tests are required on new components prior to release for production.**
- **An initial sample test report ensures optimum quality.**
- **State of the art test equipment is available, as shown here, a 3D-coordinate measurement system. Our quality laboratory also utilizes microscopes, a X-ray spectrometer, heating cabinets and lifetime cycle testers to mention a few.**





- **Kieback&Peter utilizes more than 20.000 different components in Production.**
- **All components are identifiable and logged in our ERP-System.**
- **For every purchased component exists an inspection document for inspecting incoming Lots.**
- **Only approved suppliers are eligible.**
- **Rejected lots are returned to the suppliers and requested to complete an 8D-report.**

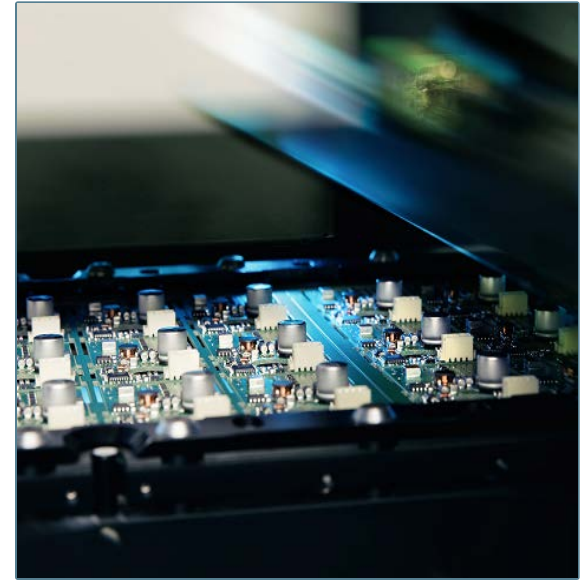
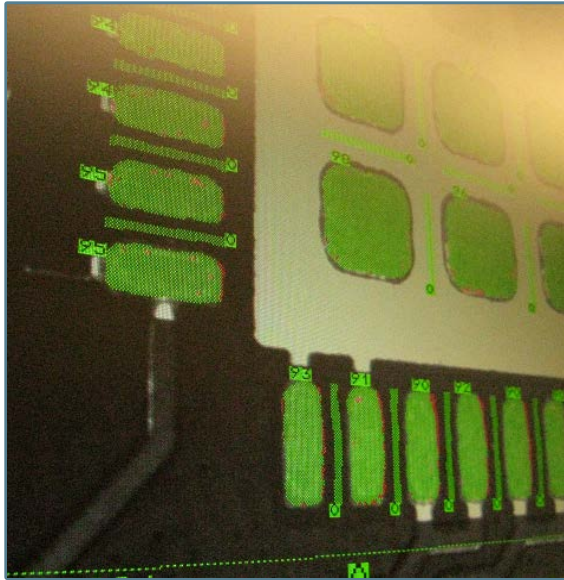


- **Our mechanical preproduction facility is located at our factory in Trier.**
- **Various CNC, drilling and milling machines are on hand to produce precise parts**
- **An automated weld-turning machine is on site for superior welded seams**

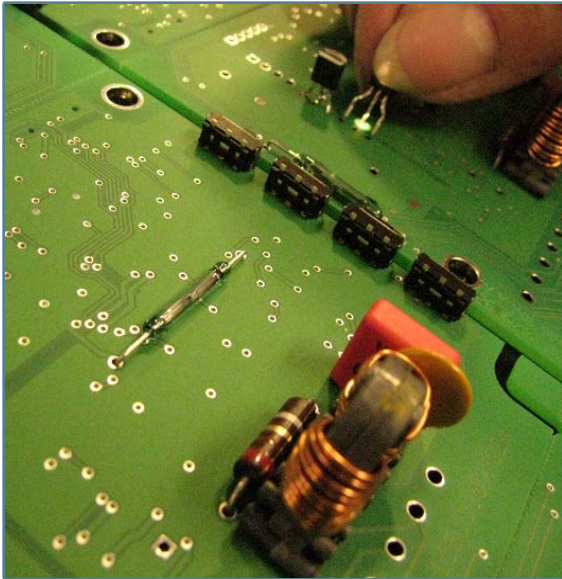


- **Kieback&Peter has its own injection molding department.**
- **All plastic components are produced at our factory in Trier.**
- **5 Machines with varying clamping forces from 50t to 220t are scheduled and monitored through PC aided software.**
- **The granulate is dried to factory specified residual moisture.**

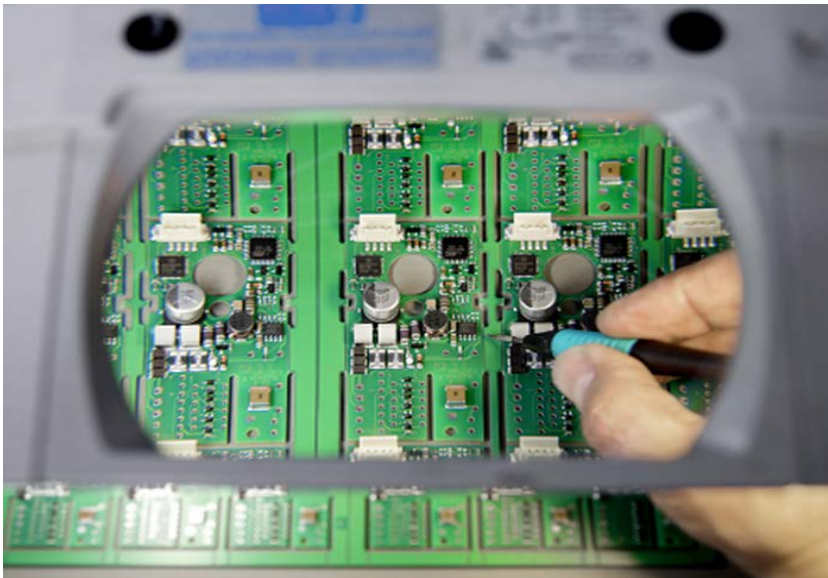




- **Electronic components including ICs, resistors and capacitors are placed on the PCB by means of two automatic assembly lines.**
- **The screen printer has an automatic cleaning function and is under constant quality control.**
- **The Pick&Place machine is characterized by its extremely accurate placement and a short reconfigure time to a new product.**
- **The inline Automatic Optical Inspection system, AOI ensures optimal quality.**



- **Electronic components that are of irregular shape and size are placed by hand.**
- **The exact placement of electronic components by workers is achieved by a place-to-light system.**
- **Lead-free soldering is performed by a wave-soldering machine with exact temperature control in a nitrogen tunnel.**
- **A selective-soldering machine is also available for instances where wave-soldering is not possible**



- **Testing during production processes ensures maximum quality.**
- **Whenever problems occur, solutions are required**
- **Highly qualified engineers facilitate quick and ongoing solutions.**
- **If rework is necessary, the required special equipment is in place. The guideline is the IPC-A-600 Acceptability of Printed Boards Training and Certification program.**

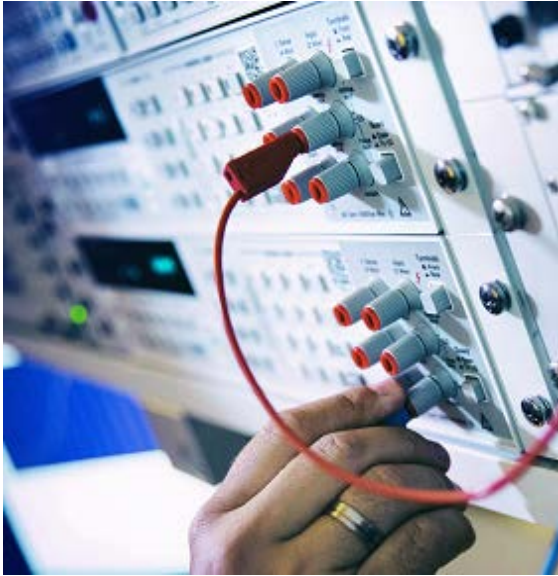




- Numerous products are available from stock.
- The production refills depleted stock by Kanban, effective and highly efficient.
- The assembly process is semi-automatic. The production team is self organized and responsible for material flow and maintenance.
- Flexible working hours accommodate capacity in production
- The customer provides us with the time base.



- **Some products are directly available by custom order.**
- **In house availability of manufacturing resources provides the quickest time to delivery.**
- **The Drive-Valve combinations are available as a 24 hour service. All orders received by 10 AM can be shipped the same day.**



**Our development process ensures that a testing strategy is implemented for every product.**



**Customized tests for each unit are developed depending on the functionality of the product and the production process.**



**With this strategy and tests applied we achieve 100% functional reliability.**





- We process orders and ship from our factory in Mittenwalde directly to the customer , world wide
- Finished goods for shipment are stored at our warehouse next to the production.
- Experienced in preparing the required customs documents
- Shipment is provided by carriers in a trusted and longstanding partnership



Please stay with the group



## Exit

In case of an alarm signal please follow these signs to exit the building



## Pictures

Please do not take any pictures.



## No smoking

Smoking in the building is not permitted



## Fork lift

Please be aware of the fork lift. Especially at cross-ways



## Machines

Please keep back from machines which are open.



## Voltage

In areas with these sign there can be excessiv voltage.



## Hazardous material

In production there are some hazardous material like glue, varnish or purifier. Please do not touch. In case you have, please tell your assistant.



## ESD-Protection

Electro Static Discharge: Please don't touch any circuit boards. Please wear your conductive band

Thank you for your attention

Please contact us ...