



The Teyfel Group is a leading supplier in the area of industrial control and automation technology in Schleswig-Holstein and Hamburg, Germany. Since 1994 Teyfel Automation develops and distributes non-sector-specific solutions via PLC and IPC (e.g. for conveyor-, filling-, packaging-, process-, X-ray- technique and robotics), including visualization of the processes.

Today more than 50 employees are working at our sites in Hamburg and Schleswig-Holstein / near Luebeck in the areas of planning, engineering and design, CAD and field installation. About 60% of sales are exported to the global markets. Since 2007 our company is represented in Hangzhou / P.R.China, 180 km west of Shanghai.

## Our Services



### **Conceptual solutions in the area of industrial control and automation technology**

- Strategic concept development, design and programming of complex control systems, including visualization and construction of electrical cabinets
- Project planning, installation and commissioning of complete production lines
- Updating, modification, reconstruction and relocation of production lines
- Cabling of manufacturing and production lines / electrical engineering and electrical installations
- Interface implementation between old and new installations
- Creation of circuit diagrams, parts lists and documentation
- Remote control & remote diagnostic reports
- Service and support for existing production lines from other manufacturers
- Education and training of the operating personnel at the production lines in test run

### **Industrial Technology – Diversity is our strength**

- Industrial Electrical Installations
- Medium voltage technology to 20 KV (refitting, maintenance and service)
- Repair of electrical machines up to 300 KW of AC / DC machinery
- Building automation (EIB/KNX/PLC)
- Building visualization
- Video surveillance systems
- Access control / Timer control
- Lighting engineering and power management
- Telecommunication installations
- Photovoltaic systems
- Data networks + PC systems

### **Our partners**

Because of our strategic networks with leading companies from the mechanical engineering industry, we can offer our customers integrated solutions. Together with our partners we are able to realize also international major projects in a unimpeachable manner. Our services in detail:

- Conveying-, filling-, palletizing- and depalletizing systems, special constructions for the food and tyre industry, e.g. tire test machines, X-ray inspection etc.
- Special machinery for the aerosol industry, e.g. for fabrication of spray heads
- Special machinery for the labelling industry, e.g. metering and cutting machines
- Special machinery for the food and beverage industry, e.g. packaging machines, sorting devices
- Robotics, such as packaging, assembly / handling, finish-machining of surfaces, painting etc.
- Industry acoustics & noise control measuring
- Quality- and risk management, documentation, layouts

### **Our customers**

Teyfel control and automation technology is non-sector-specificly used in a variety of industrial areas. Some examples:

- Food industry
- Pet food and feed industry
- Process technology
- Beverage industry, breweries (Conveying- and filling lines)
- Dairy products, milk products
- Tyre industry (e.g. tire test machines, X-ray inspection etc.)
- Automotive industry (assembly robots etc.)
- Packaging industry
- Safety engineering (e.g. test station for sensor technology)
- Flour mill construction
- Labelling industry
- Body making
- Chemical industry
- Glass industry (Thermal Engineering)
- Waste management systems (e.g. waste incineration plants)

### **Our engagement in China**

Since May 2006 a close and partnership co-operation exists with Zhejiang TOFine Science & Technology Co. Ltd. /Hangzhou/China [www.tofine.com](http://www.tofine.com), which was developed in co-operation with WTSH - Business Development and Technology Transfer of Schleswig-Holstein, Germany and the Ministry of Science, Economic Affairs and Transport of the State of Schleswig-Holstein, Germany. Since more than 3 years a close and partnership co-operation exists with Zhejiang TOFine Science & Technology Co. Ltd. /Hangzhou/China With 6 sales settlements in East China TOFine presents itself among others as the most successful distributor for Siemens Control Engineering and Drive Systems. Since 1996 TOFine has served as the first class, sole distributor of Siemens automatic products in Zhejiang. In 2003 TOFine was honored with 2002/2003 "Best Partners from Siemens Automation & Drives Department".

*international cooperation.*



**Teyfel & TOFine - Your partner in China**

In November 2006, Zhejiang TOFine Science & Technology Company Co., Ltd and Teyfel Automation GmbH signed an intent of long-term technical cooperation. The goal of this partnership is to combine both enterprise's advantages to foster mutual market development, technical support and innovation.

Mutual exchange of qualified technical personnel guarantees the compliance with obligatory technical standards within the area of engineering, service and support. Together with TOFine we are available as a powerful partner for our customers also in China. English/German-speaking interpreters at TOFine and our own office in Hangzhou (languages: German, English, Mandarin) guarantee ease of communication.

**Our objectives**

Our declared business objective is steady and controlled growth and the consequent diversification by national and international networks and strategic alliances. Besides China and Taiwan, we are interested in other promising emerging markets particularly in South Korea, the ASEAN countries and Brazil.

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