

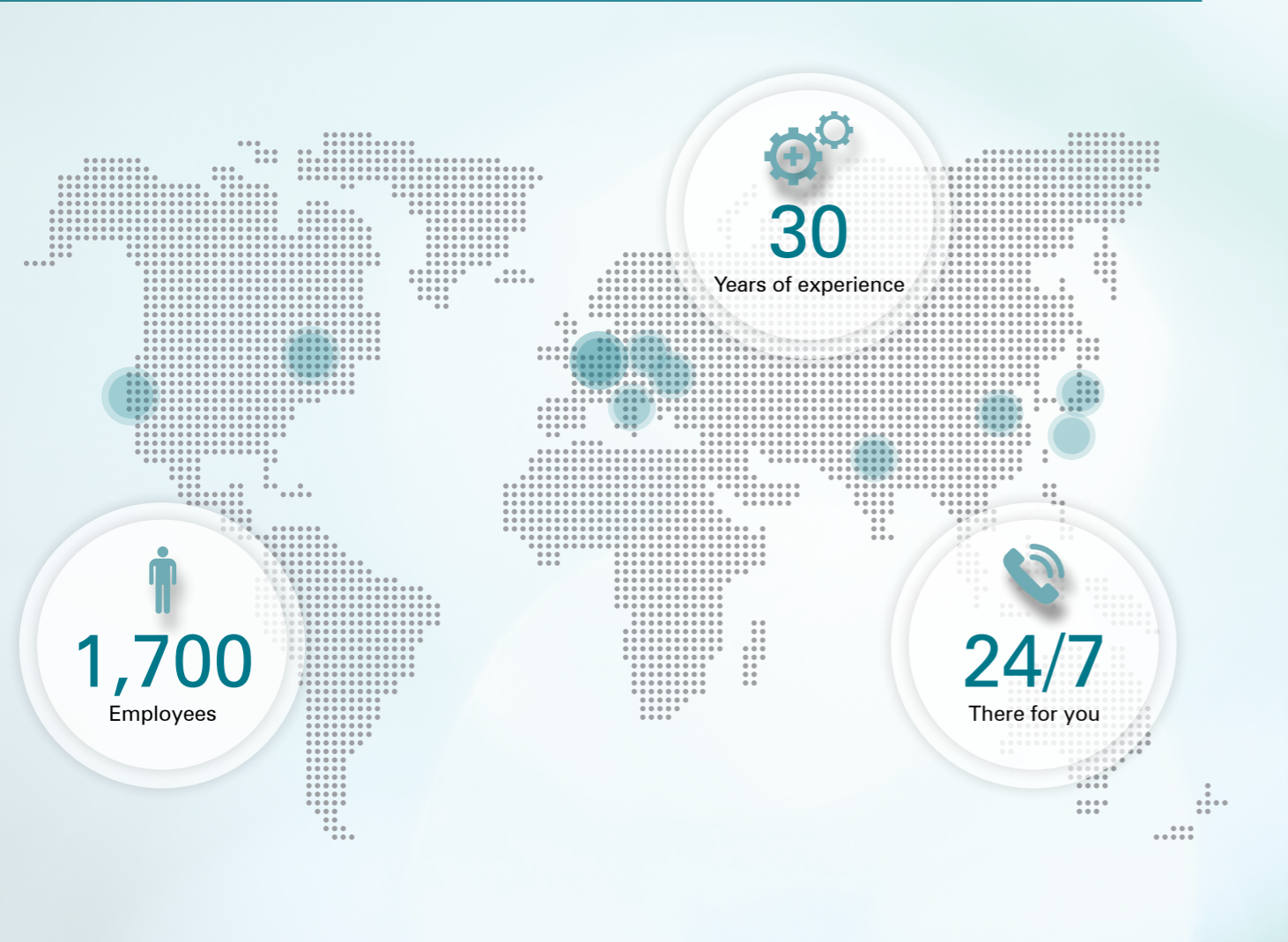
CAPACITOR PRODUCTION SOLUTIONS



Capacitor Production Solutions

For mass production in various industries

GERMAN ENGINEERING – INTERNATIONALLY STAGED – GLOBAL REFERENCES



Manz AG

Established 1987
 Headquarters in Reutlingen, Germany.
 Additional branches in Slovakia, Hungary, Italy, China, Taiwan, the United States, and India.

Employees

approx. 1,700 employees worldwide, including around 500 engineers

Core technologies

- Automation
- Metrology
- Laser processing
- Wet chemistry
- Roll-to-roll

REALIZING UNIQUE SOLUTIONS FOR CAPACITOR PRODUCTION

IN THE FIELD OF CAPACITOR PRODUCTION SOLUTIONS, WE ARE A LEADING SUPPLIER OF MASS PRODUCTION EQUIPMENT. DURING THE LAST 30 YEARS, WE HAVE DELIVERED WINDERS FOR THE MANUFACTURE OF ALUMINUM ELECTROLYTIC CAPACITORS, METALIZED FILM CAPACITORS, POWER FILM CAPACITORS, AND AUTOMATION FOR ASSEMBLING PROCESSES.



Capacitor Production Solutions: Our Markets

OUR EQUIPMENT IS ENGINEERED FOR CAPACITOR MASS PRODUCTION IN THE AUTOMOTIVE, INFORMATION & COMMUNICATION, AND CONSUMER ELECTRONICS INDUSTRY. MANZ OFFERS STAND-ALONE EQUIPMENT AS WELL AS INTEGRATED PRODUCTION LINES, STANDARD AND CUSTOMIZED SOLUTIONS FOR THE PRODUCTION OF CAPACITORS, WHICH ARE USED IN VARIOUS INDUSTRIES, LIKE COMMUNICATIONS AND CONSUMER ELECTRONICS, AUTOMOTIVE, INDUSTRY, AND ENVIRONMENT.



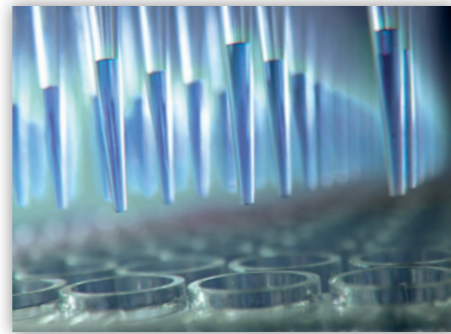
COMMUNICATION / CONSUMER ELECTRONICS

Mobile communication and consumer electronics are among the world's leading growth markets with more and more sophisticated products and challenging requirements for capacitor producers. We enable our customers to produce highly reliable electronic components that feature extremely high precision for a wide range of electronic products such as servers, PCs, notebooks, hard disks, LCD displays, printers, scanners, and many more.



E-MOBILITY

E-Mobility is one of the future markets in the automotive industry. The market demand for reliable capacitors for both cars and motorized vehicles, such as electric bikes and scooters, is constantly growing. In this segment, we offer our customers the right solution — either as standalone machine or as turnkey line—to meet the challenging demand for high-performance aluminum axial lead electrolytic capacitors.



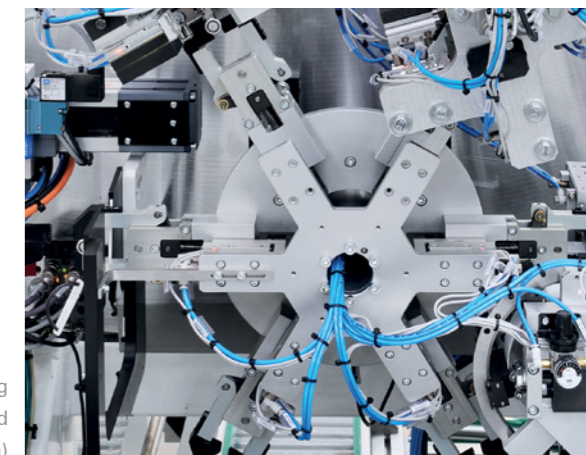
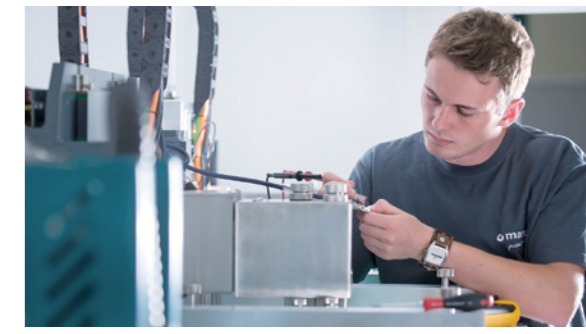
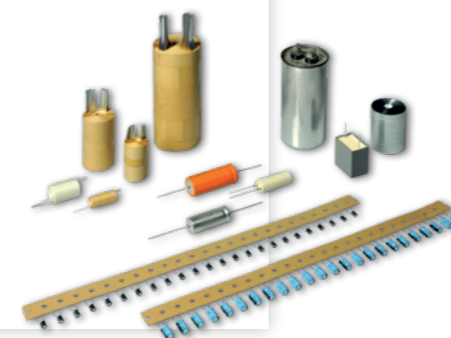
INDUSTRY

Among other industrial markets, like the market for power supply, power conversion, and green power generation, the market for medical technology and lab automation is one of the most challenging ones with regard to electronics. The demand for reliability and long-term stability of electronic systems is very high. But our winding and assembling platforms for building capacitors for this market provide both, high efficiency and low scrap rates.



ENVIRONMENT

For the growing demand of products in the green energy market, like photovoltaic systems, heat exchanger systems, and products for the wind industry, we provide excellent winding machines for producing screw terminals, 4-pin snap-in terminals & solder pins, and snap-in capacitors. We thus ensure that high-performance storage systems can be produced cost-effectively and can be used in large quantity for local storage of renewable energy.



Bending and unloading turning head (CCD quality inspection)



Capacitor production

Our Locations



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