

SIEMENS

Ingenuity for life

Siemens WKC

Electrical equipment for machines
and plants

[siemens.com/panelbuilding](https://www.siemens.com/panelbuilding)

Siemens WKC is the European market leader in control cabinet construction for machine tools and manufactures electrical equipment for a large number of industries in machine and plant engineering as well as for the project business in the logistics and automotive sector.

The offer includes the complete range of services for the development and manufacture of electrical equipment for a wide variety of industries in machine and plant engineering: from conceptual support, hardware engineering and construction including complete procurement of materials to testing, pre-commissioning support and worldwide delivery. Each customer decides individually what part of these services WKC will provide. WKC is a centre of competence for the climatization of cabinets. It has its own heat laboratory and is a certified UL Panel Shop.

Your advantages:



- Professional control cabinet construction



- Complete solutions from one source



- Siemens quality and stability



- Extensive technical support



- Flexible resources



- Support on international markets



services in detail

Electrical equipment:

Order coordination

- Project manager with fixed customer assignment
- Complete material procurement
- Change management in all process phases

Manufacturing

- Creation of a digital twin
- CNC machining of housing parts and mounting plates
- Own painting shop
- Automatic routing of the wiring
- Automated cable prefabrication
- Production teams with fixed customer assignment
- Job-Shop or flow production

Automated testing (standard)

- Current path testing
- Function of the switching, operating and signalling devices
- Compliance with protective measures and safety regulations

Optional test services / pre-commissioning

- Error-free function of the automation devices/ periphery
- Parameter setting and testing of bus systems
- Initial commissioning of Siemens NC and PLC
- Installation of customer software

Additional services for different project phases:

Conception

- Evaluation of specifications, requirements
- Support regarding application of standards and certifications (conformity)
- Design-to-Cost analyses
- Special operating conditions

Implementation / Realization

- Electrical design in various CAE systems
- Design of a cabinet climatisation by means of calculation and simulation
- CAE revision of production documents

Validation / Certification

- Know-how regarding international standards and certifications, e.g.: IEC 60204-1, IEC 61439, UL or cULus
- Inspection of cabinet climatisation / EMC designs in our own heat laboratory or at the customer's site
- Carrying out EMC pre-compliance measurements in Siemens' own laboratory or at your plant

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