



HITEC-IMAGING
When excellence matters

ELECTROMECHANICAL INDUSTRY SOLUTIONS & ELECTROPHOTOGRAPHY



ELECTROMECHANICAL INDUSTRY SOLUTIONS



ENGINEERING

You've got an idea for the implementation of a new production process, a new product or new testing tasks. We will use our high-performance mechanical and electrical design engineering to develop a concept. Together we will achieve your goals.

- CAD (Solid Edge 3D)
- Pneumatic control systems
- Circuit diagram design (WSCad)
- Visualisation, measurement data recording (Labview, WinCC flexible)
- Control software and hardware (Step 7, Profinet, Profibus)
- Hazard analysis and safe control systems
- Integration of industrial robots
- Vision systems
- Workstation design



PROCESS AND AUTOMATION TECHNOLOGY

We are experts in special machine construction, supporting our customers in the development and implementation of individual solutions built to their specific requirements. If you want to optimise and/or automate your processes, replace machine control systems because of age, insufficient reliability or poor availability of spare parts, or upgrade to meet the latest safety requirements, you've come to the right place.

- Testing and handling systems, e.g. for power semiconductors
- Endurance test rigs
- Passive and active alternating loads
- Coating systems
- Automated conveying, recognition, labelling
- Fixtures
- Handling aids
- Product carriers
- Contact adapters
- Heating and cooling systems



SPECIAL PARTS

We manufacture small series, single units, components for R&D/prototyping or urgent spare part requirements on our modern fleet of machines according to drawings, data records or sample specifications. If required we also offer surface finishing and hardening ...

- CAD-CAM data integration
- Turning
- Milling
- Eroding
- Grinding
- Welding
- Cutting
- Assembly
- Sheet metal forming
- Surface finishing/coating
- Heat treatment
- Test set-up



3D MEASURING

Growing requirements in terms of accuracy and process reliability demand a high standard of precision in part measurement and the careful documentation of test results. We can measure your parts here at our premises and document the results. To do this we have a measuring device for tactile and optical measurement.

- Tactile and optical measurement of parts
- Documentation of measurement results



STAMPING

We manufacture stamped parts from materials such as copper and brass to the customer's drawings using modern progressive tools. For sampling purposes we can manufacture a pre-production series at short notice.

- Advice
- Tool manufacturing
- Help with material selection
- Stamped part manufacturing in small series or large-scale production



SERVICE

As well as looking after machines built by us, we can also take care of your existing equipment. This includes conversions and modifications. Everything is done to the same reliably safe and CE-compliant standard as our new machines. Bring your old machine control systems into line with the latest safety requirements and work with new, reliable technology. If you're looking for a solution – we've got one. It might be the adaptation of your existing equipment or a complete redevelopment.

- Troubleshooting, including third-party equipment
- Repairs
- Maintenance according to maintenance schedule
- Servicing of vacuum components
- Machine transport
- Electrical and mechanical assembly tasks
- Calibration service

ELECTROPHOTOGRAPHY



PHOTOCONDUCTORS

Hitec-Imaging develops, manufactures and sells selenium-based photoconductors for use as image carriers in electrophotographic copiers, printers and fax machines. These segments include the major markets and span a wide range of product categories. Because of Hitec-Imaging's long-standing experience and extensive research and development, we have been very successful in establishing direct relationships with OEM's and jointly developing products that fit their requirements. If you have special product needs, please contact us and we will be glad to discuss them with you.

Diameter up to 262 mm
Length up to 1,025 mm

Other geometries on request.



LARGE FORMAT PRINTERS / COPIERS

Hitec-Imaging is one of the few state-of-the-art manufacturers in the world who is able to produce drums for use in large format applications.



HIGH SPEED PRINTERS

Hitec-Imaging is producing drums for high volume printing systems with printing speeds of up to 1,000 A4 pages per minute. These drums have an extra durable selenium coating which allows for a drum lifetime of 6 Mio. prints or more. The typical diameter is between 120 and 262 mm with a length of the drum up to 550 mm.

Hitec-Imaging is also an exclusive supplier for leading OEM's.

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