Production systems and technology for the plating industry
Complete systems from one source – Innovative, reliable, productive

We are a medium-sized company with more than 15 years of experience in the development and manufacturing of modern plating systems for the surface treatment industry.

We work with our highly competent team in order to satisfy all the needs of our customers, reliably and with very productive solutions. We gladly take on problems and tasks that go beyond the normal capabilities of the industry. We’ll also solve these problem with innovative ideas to your complete satisfaction.

Installation, modification and service on location, from our flexible, expertly trained personnel.

We produce various systems for our well-known customers worldwide in the automotive, defense and construction industries, including but not limited to the following:
- Turnkey systems
- Barrel systems
- Manual systems
- Modernization and conversions
- Expansions
- Energy optimizations
- Control technology and systems
- Special machines
- Selective plating techniques

Do you need help solving a problem? Our qualified professionals are available to give expert advice and assistance.

We know how! You can rely on our experience and know how, amassed through years of designing and constructing demanding projects.

We’ll take care of everything from A – Z!

We’ll stand by you from the first idea and design through the installation start up and through to service and maintenance.

After startup our service team is always ready to perform maintenance, modifications and service.

We offer the following advantages:
- System construction, control technology, planning and consultation, maintenance and service – all from one source
- Competent consulting from the first idea through to the completed system
- Total quality in all areas
- The most modern CAD and programming technology
- More than 15 years experience
- Flexible service
- Worldwide delivery and support
We design and construct your system to your specifications and so realize the optimal solution for every requirement and every budget. We design and build the most modern systems for the surface industries using innovative ideas and the latest CAD technologies.

We are experts in all areas of surface technology, no matter whether it is:
- Galvanizing
- Anodizing
- Blackening
- Phosphating
- Surface coating
- KTL-systems
- Selective coatings
- Water treatment
- Wastewater treatment
- Ventilation systems
- Feeding/Automation

You can choose how your future system should look. The system will be built to fit your individual needs and space requirements.

Our highly competent teams work tightly together to ensure the various components of the system work seamlessly with one another.

From the planning to the installation and commissioning, our range of services includes everything needed to offer you the best possible support.

Careful selection of materials is the foundation for the construction of highly robust and reliable systems.

From the design phase to manufacturing and pre-assembly we place the highest value on on-time delivery and quality.

When possible, we will construct the entire system in our manufacturing plant in order to test it for functionality.

There is thus the possibility to inspect the equipment before the final assembly and to discuss the various components and features.

Through high environmental standards, resource-saving planning and energy efficient systems, we prove time and again that we place a high value on environmental considerations.

Complete systems from one source

Our service

Design, planning, installation and maintenance – all from one source

- Planning
  Selection of the proper components for more economy, energy efficiency, flexibility and quality

- Installation
  All work will be carried out on time and with a high degree of technical competence

- Maintenance
  Our experts are always available with a quick reaction time
CONTROL SYSTEMS

LSR-Automation

Our own control system LSR-Automation is already installed in over 200 systems worldwide.

A significant proportion of our control systems are exported. They are in use from the USA to Asia.

Our systems are used in:
- Manual plating systems
- Wastewater plants
- Cycle controlled machines
- Freely programmable machines
- Test facilities

We also specialize in converting/replacing other manufacturers control systems.

In the design phase we can determine the best possible throughput for a particular system. We'll determine which control system offers the optimal production: Be it travel-time system, cycle controlled, or free programmable.

The user is able to check the condition of the system at a glance, through our own graphic interface (HMI).

All relevant data is stored in modern SQL databases.

The LSR-Automation software runs on the Microsoft.net platform, Windows 7 or 8.

We will be happy to advise you!

Electrical cabinets

We design and build our own electrical cabinets in house. Special requests such as colors or parts from specific manufacturers are no problem.

The system contains the control functions according to need, such as
- System overview
- Article management
- Program management
- Statistics
- Material handling management
- Operating data acquisition

- Station Information
- Extensive logging/logbook
- Maintenance and fault management
- Interface with ERP or PPC systems
- Safety standards
- Online support/Remote control
- Language support
- SMS or email messages for errors

Through our flexible program structure system changes can be easily made.

Why LSR-Automation

- Increase your quality
- Increase your throughput
- Reduce your costs through energy efficiency
- Minimize your personnel
- Observe your processes from anywhere
- Interface with ERP or PPC systems (MES, QDAS, SAP...) is possible at anytime
- Worldwide online support
- Retrofit available for existing systems