

References

projects



- 2005 2005 Energy management system (EMS)
Westphalian Wilhelms University, Münster, Germany
- 2005 2005 Control mechanism for a video system
on the Sunrise Super Yacht
- 2005 2005 Door drives for machining centres
- 2005 2005 Explosion-proof shaft selectors for lifts
Boehringer Pharmaceutical Company, Ingelheim, Germany
- 2004 2004 Facility management
Haus Loretto, Steinfurt, Germany
- 2003 2003 Energy management system (EMS)
Hotel Leeds, United Kingdom
- 2002 2002 Explosion-proof controllers
Dow Chemical, Rotterdam, Netherlands
- 2002 2002 Controllers for gondola lifts
Reformer Center, Moscow, Russia
- 2001 2001 LC Mega group of 6 controller
Delbrück High Rise at Potsdam Square, Berlin, Germany
- 2001 2001 LC Mega group of 6 controller
Siemens High Rise, Bremen, Germany
- 2000 2000 Controllers for special lifts
Expo 2000 World Exhibition, Hannover, Germany
- 1999 1999 Single controllers LC Nano / LC Micro for lifts
- 1998 1998 Developing door drives TSG 200 / 400 for lift doors
- 1998 1998 Langer & Laumann Ing.- Büro GmbH was founded



Joining Forces for Your Success

contact

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 **Langer & Laumann**
Ingenieurbüro GmbH

Partners on the Way to the Top 

Yesterday, Today and in the Future



Matthias Langer and Michael Laumann

Your success is our most important product. We've got a passion for providing reliable and superior performance at fair prices. Our formula for success is based on the proven blend of constantly upgraded engineering excellence, team work and good old-fashioned Westphalian reliability.

Our company is organised into flat hierarchies to cut through the red tape and keep internal and external work processes flexible and clearly structured.

In recent years, customers have entrusted us with major challenges in global projects. That not only explains why 50 % of our work is exported, it also enables us to get a broader view of the world than just working at the national level.

Put us to the test. No matter whether you're planning a new system or you want to upgrade your existing machine. Give us a call and talk to our management. Tell us what problems urgently need to be solved and wait and see what happens. You'll be pleasantly surprised.

In keeping with our policy, we promise you we'll be "Partners on the Way to the Top"

Dipl.-Ing. Michael Laumann

Dipl.-Ing. Matthias Langer

Partners on the Way to the Top

Specialist

for one-stop shopping in technical applications

Lift Controllers

Lift engineering is one of the fields we are specialised in. We give you that competitive edge to always keep you just one step ahead of the others. But that's not all. We not only guarantee engineering excellence, but flexibility, future investment reliability and a fair market price. The lift controller series engineered by Langer & Laumann has the intelligence to be the brain of the lift. We exclusively use robust industrial controllers to guarantee you no compromises in terms of safety or quality. And our open PLC modular architecture systems can be engineered in any direction you need. We can expand these systems at any time and they're available over decades. The major PLC manufacturers stake their reputation on that.

A-Vis lift monitoring systems match your LC controller. You've got your lift under control anywhere and anytime in the world via modem or Internet. Fault and event memories can be read out in plain text to guarantee you fast and efficient maintenance.

We feature travel analysis as another important instrument for evaluating existing lifts. It supplies information on travel performance and power consumption to let you know which investments make good business sense. We think of ourselves as system suppliers in the lift sector and we deliver everything ranging from plain lift controllers right down to the entire electrical engineering for a lifts.



- Lift monitoring
- Travel analysis
- Refurbishment kits
- Push buttons
- Frequency control (VVVF)
- Drive packages
- Installation packages
- Shaft selectors



Building Services Management

Building services management – with Langer & Laumann, that's more than just classical light and temperature regulation. We use state-of-the-art next-generation systems to ensure that different trades such as heating, ventilation and air conditioning function comfortably next to lighting and blind control systems. Thanks to the modular extensions to our programmable components, we can react to individualised needs, including:

- Saving energy
- Regular supervision of the major investment capital
- Fast fault rectification
- Central control of user behaviour
- Immediate malfunction recording
- Driving down patrols
- Central recording
- Preventative maintenance

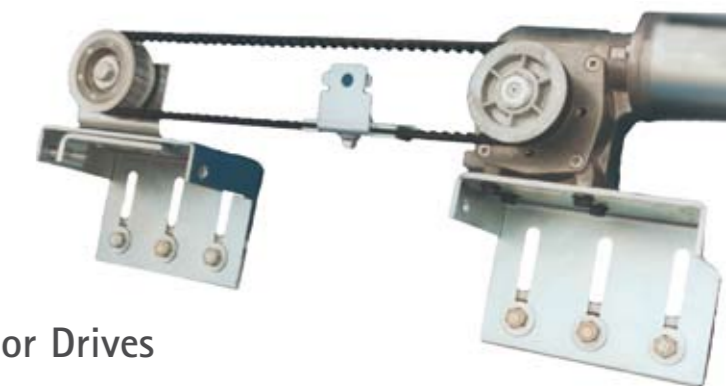
Complex System Elements in Concert

Automation Engineering

Individual needs call for customised solutions. It doesn't matter if you want control mechanisms for façade inspection systems, positioning systems for warehousing equipment, control systems for a pump and tank system or you just want to upgrade your machines. We work in concert with our clients to outline strategies that put you on track for the future. That includes basic engineering and planning, development and design right down to detailed work and documentation. It doesn't matter if we're talking about controlling, operating, measuring, regulating, driving or displaying systems, our technology guarantees that the processes you want run automatically, efficiently and reliably.

The following activities can be carried out by us:

- Planning
- Engineering
- Software development
- Control systems production
- Installation
- Start-up
- Field service
- Training
- Maintenance



Door Drives

Wherever people are on the move, Langer & Laumann make sure they can get where they want to go fast and unencumbered.

We open the doors to them with compact mechanisms smoothly matching the architectural environment. That includes train stations, department stores, airports or banks. TSG drives provide smooth access that is also suited to the needs of disabled people.

In lifts, this door system has immediate impact on travel performance and availability and TSG drives function conveniently, fast and quietly.

Using TSG drives in machining centres greatly boosts productivity by shortening the cycle rates.

More over the built-in collision identification system automatically reverses the door and relieves the obstruction.

We provide the door drives as follows:

- Linear door drive
- Fast
- Low-noise
- Built-in pressure sensor
- No limit switches

Customised Solutions