

RACO

RACO ELECTRIC CYLINDER
Intelligent Driving Technology



RACO-ELEKTRO-MASCHINEN GMBH

Jesinghauser Str. 56-64
D-58332 Schwelm

Tel.: +49 2336 4009-0
Fax: +49 2336 4009-10

info@raco.de



RACO Electric cylinder

**STAGE TECHNOLOGY
SOLUTIONS AND APPLICATIONS**

RACO ELECTRIC CYLINDER

STAGE TECHNOLOGY
SOLUTIONS AND APPLICATIONS

RACO

RACO – Your partner for stage technology

The technological equipment of a theatre, stage or presentation space is of paramount importance when it comes to the overall success of an event. Reliable, safe and mostly invisible to the audience, stage technology helps making your presentations come to live.

Solutions by RACO have been contributing to the success of many a performance, in the theatre and at trade fairs. With RACO electric cylinders you can adjust podiums and position stage elements or sets. The electric control helps to achieve absolutely smooth moves and guarantees exact positioning. The special safety concept consists of quietly working theatre brakes, a safety nut system with wear indicator and the necessary monitoring electronics. It meets all the high safety requirements and provisions for modern stage technology.

When working with you to realize your creative ideas, we bring our extensive knowledge to the table gained during many previous successful projects. We offer the experience as well as the technology necessary to completely integrate modern actuating concepts into new machine systems as well as into existing facilities. Our service will accompany you during the first installation and for the whole useful life, including maintenance and repairs. RACO, we are your ideal partners for stage technology!

Static or dynamic

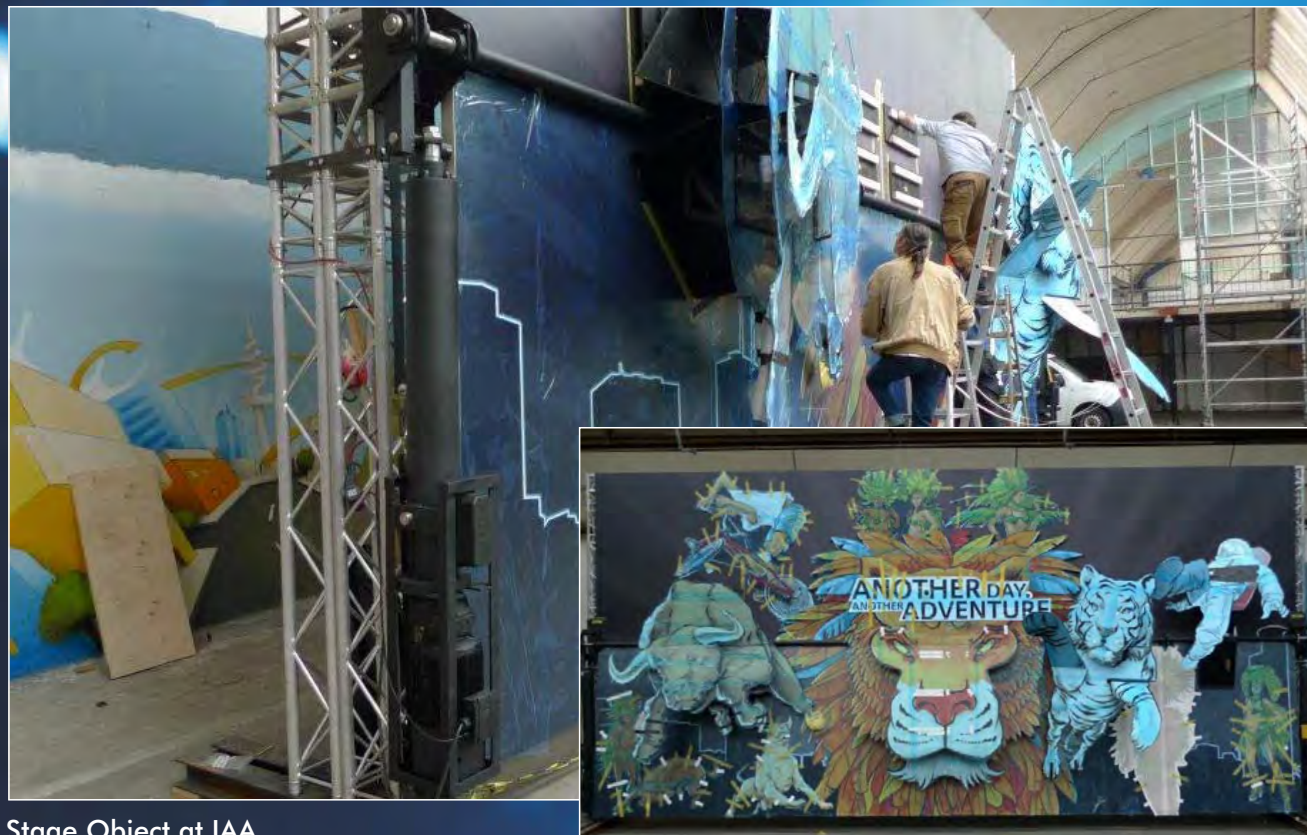
Stage technology for the upper machinery

In the space above the stage, RACO electric cylinders are part of the upper machinery. They move backdrops, decoration or lighting elements – manually at the push of a button or automatically, depending on your requirements. RACO electric cylinders harmonically complete slow as well as highly dynamic repositioning tasks. Pre-programmed driving profiles guarantee jolt-free accelerations and decelerations of the respective mass. This helps protect all components and also increases the operating lifetime of the electric cylinders.

Safe and reliable

Changing scene images from the lower machinery

Our solution portfolio for the lower machinery includes the repositioning of podiums of various sizes, mobile boxes, stage wagons and the actuation of revolving stages. RACO electric cylinders change your scene images in an instant. We can offer expert advice when it comes to complex technical requirements with regards to stage technology and we will work at realizing your individual wishes.



Stage Object at IAA



RACO electric actuator for opening up the gate



RACO ELECTRIC CYLINDER

STAGE TECHNOLOGY
SOLUTIONS AND APPLICATIONS

RACO



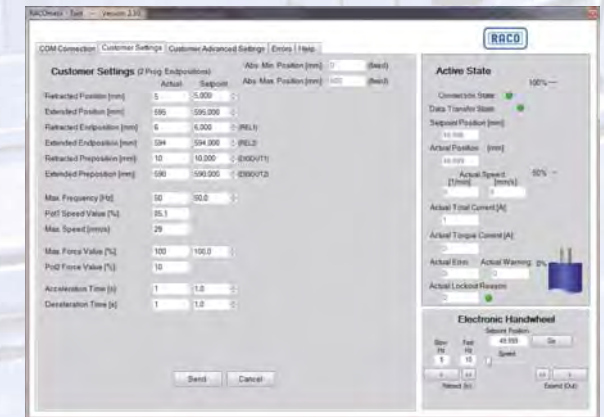
Driving excitement Hidden forces on stage

When wanting to change the scene surface and reposition objects from the stage itself, the actuating forces need to work invisibly. In most cases, there is only very limited space available so finding the right solution becomes even more important. Our series of COMPACT electric cylinders not only provide a high power density, they are also small in product size. A unique "Long Life Lubrication" of the push/pull unit guarantees total freedom of maintenance during the entire life cycle. RACO will configure a customized electric cylinder for you taking advantage of its modular actuator system.

Professional control technology For precise and smooth operation

RACO also supports you when it comes to the development and implementation of control and regulation technology. Seamlessly connecting mechatronics, electrics and information technology, we created the RACOMATIC, a sustainable evolution of our electric cylinders. The precise and high-performance RACO electric cylinders become ready-to-use linear actuators with the addition of a path-sensory and control system.

With the use of the software RACOMATIC Tool, you can realize sophisticated applications and easily monitor and control them while also achieving a higher level of security. You can control the RACOMATIC autonomously or connect it through standardized ports with your main controller or control panel.



With RACO electric cylinders you can actuate ...

- Podiums, stage elements and doors
- Stage sets and backdrops
- Lifting beams and tripods
- Spotlights
- Monitors
- and more ...

Rely on linear actuating technology by RACO to achieve sophisticated theatre productions or sales presentations.





At home on stages worldwide

Europe

Residenztheater, München
Theater des Westens, Berlin
Staatstheater, Stuttgart
Opernhaus, Frankfurt
Staatstheater, Bamberg
Staatstheater, Nürnberg
Schauspielhaus, Dresden
Theater Augsburg, Augsburg
Lübecker Theater, Lübeck
State Theater, Helsinki
Grand Theatre del Liceu, Barcelona
National Theatre, Riga
Konzerthaus, Aalborg

North America

Majestic Theater, New York
MGM Grand, Las Vegas
New Amsterdam Theater, New York
Theater, Toronto

Afrika

Opera House, Johannesburg
Opera House, Pretoria
Royal Opera House, Oman

Asia

Theater, Seoul
Theater Taganka, Moskau
Grand Theatre, Hangzhou
Bioskop Padang Theater, Indonesia

As well as many trade fair presentations and events by companies and associations.