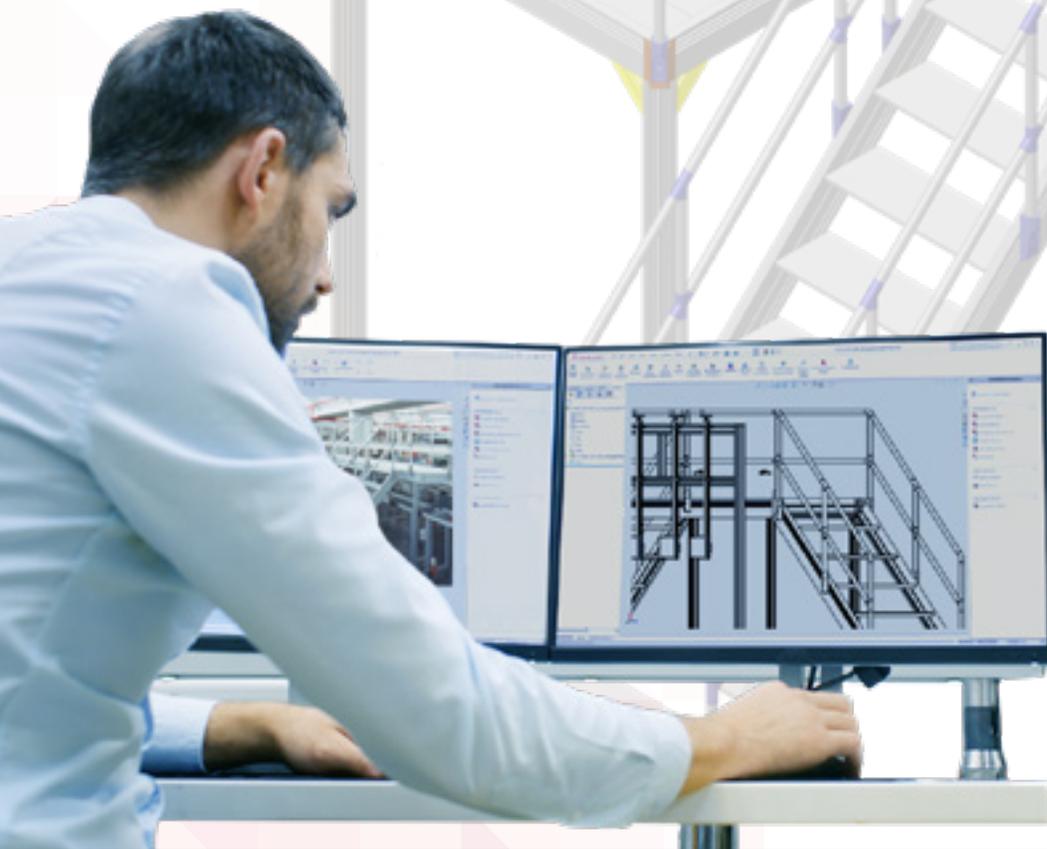


RK Rose+Krieger

FOCUSED ON FLEXIBILITY



PHOENIX MECANO

EVERYTHING STARTS WITH A CONNECTION

Too often, getting that connection on an assembly system set up requires more work, time and money than it should. That's why every RK connecting system is designed for cost-effective, modular construction and simple assembly. **With our innovative clamping system, we've eliminated the need to drill, rivet or weld components together.** Just a simple twist of a hex key and you can quickly build complex systems from basic components. And, with complete compatibility across our RK product lines, all aspects of your project can be produced in-house, which ensures product quality, and no wasted time or money spent on outsourcing specific components.

OUR PRODUCT LINES INCLUDE:

- Linear Actuators
- Lift Columns
- Electro-Mechanical Actuators
- Aluminum T-slot Framing
- Tubular Connection Elements
- Machine Guarding Components
- Stairs and Platforms

MODIFY IT TO MEET YOUR NEEDS

From concept to completion, our support and engineering teams work with you to convert pen or pencil sketches into final drawings and quotes that save you time and money. If you just need a standard product altered, we have a wide range of unique customization options available too – all handled in-house – for a one-stop-shop experience that's simple, reliable, and complication-free.

OUR EVERYDAY VALUE-ADD SERVICES:

Assembly



Machining



Finishing & Painting



Branding & Labeling



System Solutions



On-Site Support



MORE WAYS TO GET **YOUR PROJECT MOVING**

Our extensive line of RK Rose + Krieger automation products and systems raises the standard for flexibility, durability and performance. As your single-source, value-add manufacturer, we offer an expert engineering and support team, unique customization capabilities, and complete compatibility across our line of RK products – all in-house and under one roof. So, whether it's just delivering the right parts at the right time or being able to provide a complete system solution — from design to kitting to on-site setup and verification — we know flexibility means going the extra mile, even when all you need is a few extra feet.







ONE PARTNER, INFINITE POSSIBILITIES

COMMUNICATION DESIGN ASSEMBLY



Working with a non-technical partner can be a challenging experience — they may not fully understand the true complexity, unique specifications, and technical requirements your project needs. Our application specialists work hand-in-hand with you, offering knowledgeable engineering and technical support through concept, design, product selection, 3D CAD modeling and final assembly. It's our goal to streamline the process, ensuring every project runs smoothly and removing any unnecessary obstacles. That way, we can focus on bringing your vision to life – on time and on budget.





LIFTING COLUMNS & ELECTRIC COLUMNS

ERGONOMIC SOLUTIONS

MAXIMUM EFFICIENCY - TOTAL CONTROL

In addition to providing stable guidance, our RK lifting columns are the ideal drive element for applications that require a motor setting. Our integrated technology is completely enclosed, so it can't be seen from the outside, and requires no additional coverings or special electrical knowledge for commissioning. In most cases, lifting columns can be combined and synchronized to create even greater application possibilities.



MULTILIFT II - 2ND GENERATION OF MULTILIFT

These two-stage, lifting columns allow for up to 500 mm travel and can be operated alone, or in multiples of up to 32 columns in synchronous parallel. They are perfect for continuously adjusting tables, equipment, assembly stations, and similar applications where tight space and durability are concerns.



SLIMLIFT – SLEEK AND SILENT

With its entire drive unit enclosed within the column, Slimlift offers a sleek aesthetic with substantial lifting power and whisper-quiet movement. Fixing slots in the sidewalls make Slimlift compatible with RK's Frameworks® product lines.



POWERLIFT – STABILITY FOR HIGH-SPEED AUTOMATION

Developed for use as a stand-alone column, Powerlift delivers high stability and can accommodate sufficient side forces at high travel speeds. Available in two-stage and three-stage telescopic configuration, this modern and aesthetically appealing profile design requires no additional coverings.



ALPHA COLONNE

Square-shaped guide profiles are the hallmark of the Alpha Colonne and allow equal over-hung load movements on all sides. When fully extended, the Alpha Colonne has a third guide step with a large overlap which minimizes side-play and increases stability. Installation height is as low as 320 mm when fully retracted.



A HIGH QUALITY, VERSATILE ALTERNATIVE TO PNEUMATIC AND HYDRAULIC ACTUATORS



LAMBDA ELECTRIC CYLINDER

Powerful, precise units suited for industrial applications that require long life, high reliability and IP 66 environmental protection. Available with stroke lengths up to 600 mm and thrusts up to 6000 newtons.

LZ 60 ELECTRIC CYLINDER

These units come equipped with a DC motor, transmission unit, motor brake, two-channel Hall Effect Feedback Sensor, and integrated end-limit switches. All connection lines run directly out of the unit to make configuration and initial start-up easier, particularly for PLC operation. Optional clevis and trunnion mounts are compatible with standard hydraulic and pneumatic fixation hardware.

SLZ 63 ELECTRIC CYLINDER

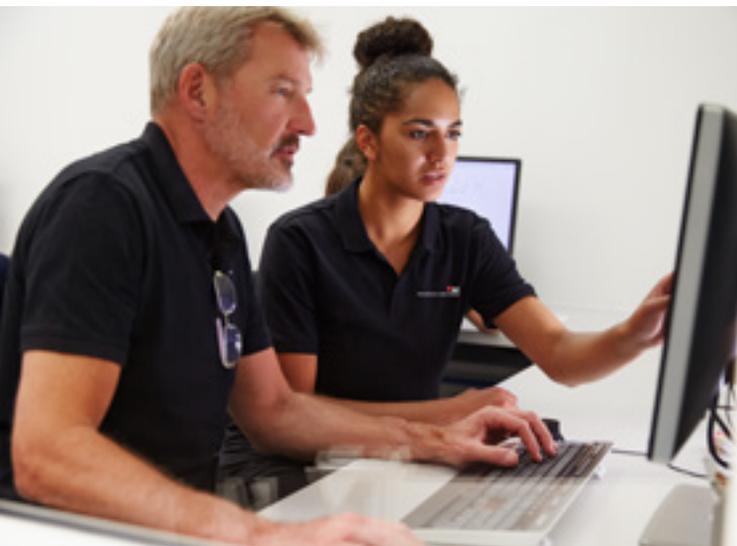
Thanks to its square shape, slots in the external profile and fitting dimensions according to DIN ISO 15552, the SLZ 63 can be integrated flexibly into a wide range of customer-specific applications.

LINEAR ACTUATOR GUIDE TECHNOLOGY



RELIABLE AND HIGHLY PRECISE LINEAR MOTION SYSTEMS

RK Linear Actuators and Guides are available for manual, servo or stepper motor-driven positioning applications. We offer them in a broad range of ACME screw, belt, ball screw, and rack and pinion configurations. Our linear products are designed for applications that require pick and place, width and length adjustments, precise positioning and high-speed repeatability. **Many styles are available as tandem units.**



CONNECTING **TECHNOLOGY**

WELCOME TO THE CONNECTED GENERATION

True value comes in the form of versatility with our proven and application-tested RK Connecting Technology. When combined with square or round tubing, these unique connection elements offer nearly endless possibilities. Choose from high-strength plastic composite, solid cast aluminum or food-grade stainless steel construction with sizes that range from 12-80 mm (metric) and .5-2.5 in (standard). Plus, all designs are compatible with our RK Frameworks, Linear and Drive Works System products — giving you a streamlined, single-source provider.



LIGHT CLAMPS

Plastic –reinforced polyamide clamps for use in labs, food & beverage industries and in the photo technical sector. Versatile, cost-effective clamps available in metric sizes and popular styles.



MEDIUM TO HEAVY-LOAD RANGE

Solid cast aluminum clamps. Reliable, price/performance optimized clamps available in both metric and inch sizes and feature our widest variety of styles.



ROBUST SHOCK-PROOF CLAMPS

Stainless steel robust clamps for use in harsh environments. Extremely strong clamps that are resistant to high temperatures, vibration, corrosion & shock proof and are specially designed for dynamic loads. Available in metric sizes.

YOUR SINGLE SOURCE FOR **EXCELLENCE IN AUTOMATION**

COST-EFFECTIVENESS

Our teams work with you to simplify the process and deliver more cost-effective solutions with fewer complications.

KITTING

We'll provide a bill of materials, 3D drawings, and kitting materials for quick assembly and reduced administrative labor cost.

QUICK LEAD TIMES

We offer very competitive lead times for products, kits, and full assemblies.

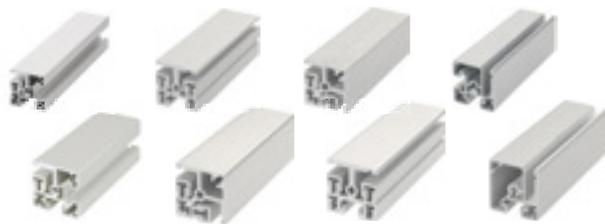


PROFILE SYSTEMS THAT OFFER NEARLY **LIMITLESS DESIGN POSSIBILITIES**



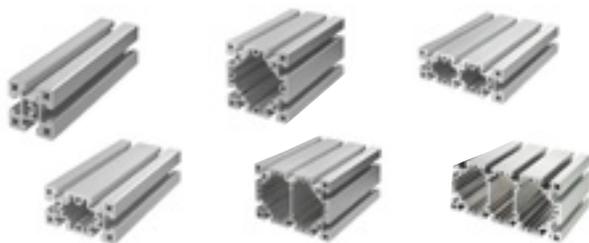
Structural Profiles

Aluminum profiles for stable, versatile structures.



Functional Profiles

Aluminum profiles with added visual and functional value.



Heavy Duty Profiles

Aluminum profiles with the highest stability that are still easy transportable.



RK WORKSTATIONS

LEAN AND ERGONOMIC SOLUTIONS FOR INCREASED EFFICIENCY

THE HEIGHT OF EMPOWERMENT

The human body was meant to move. Being able to adjust the table height to suit that movement offers huge benefits.

- **Minimizes physical strain on workers**
- **Increases productivity by 5-15% on average**
- **Greater independence for physically challenged users**
- **Memory-storable height adjustments for multiple operator usage**



CABLE CHANNEL SYSTEMS

The RK Rose+Krieger cable channel system's range of design details make work significantly easier for the user. The easy to open cover, plus flexible and optional assembly, facilitate both installation and organization of cables. Adding separating strips makes holding cables in place an easy task. They also prevent existing cables from falling out, especially during overhead assembly. The cable channel systems can be either wall-mounted or attached directly to our profiles.

Cable channels are available in a wide variety of sizes and variations.



RK STAIRWORKS®

GREATER VERSATILITY AND DURABILITY IN FEWER STEPS

Our RK Stairworks® connection system offers a completely new way to look at industrial stairs and elevated work platforms. Engineered to simplify the design and construction of work platforms, stairs and gantries, Stairworks is made from reconfigurable aluminum components that are rugged and durable enough to handle most outdoor and indoor environments. It's a safe, simple, and economical connection system that can be utilized for everything from simple railings to complicated working platforms. Let our engineers assemble your stairworks system for you!

TAKING INDUSTRIAL STAIRS AND PLATFORMS TO A NEW LEVEL OF EASE.

- Flush fitting
- Confidence
- No mechanical treatment
- Flexible
- Simple and stable system
- OSHA and DIN EN ISO 141221-4 compliant
- Safety Yellow option available



OUR EVERYDAY VALUE-ADD SERVICES:

Assembly



Machining



Finishing & Painting



Branding & Labeling



System Solutions



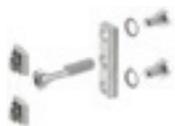
On-Site Support





CONNECTORS AND **HARDWARE**

ALL THE PIECES TO FIT EVERY NEED.



Flange Connectors



Corner Connectors



Angle Brackets



End Caps



Cover Strips



Fixation Sets



Adjustable-Height
Leveling Feet



Slot Stones



Swivel Castors



Door Hinges



Panel Strips



Ball Catches



ITAS Elements



ITAS Elements

