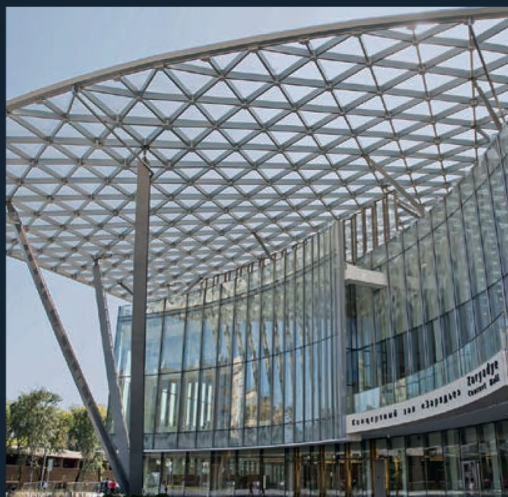
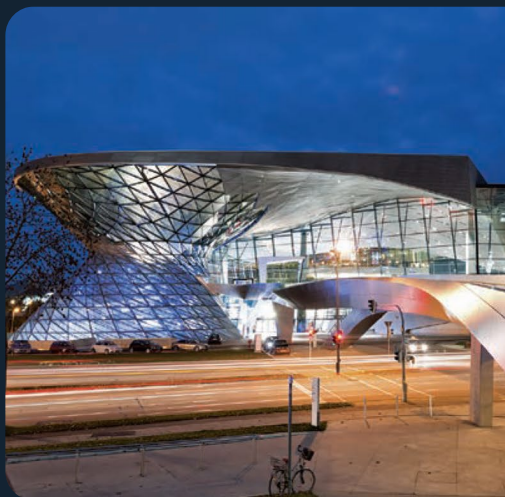




RECONFIGURABLE EXPERIENCES · MULTIPURPOSE VENUES

ORCHESTRA LIFTS · STAGE LIFTS · TELESCOPIC LIGHTING



LINEAR MOTION SOLUTIONS

FOR LIVE ENTERTAINMENT, STAGE & THEATER

2025 EDITION

SERAPID

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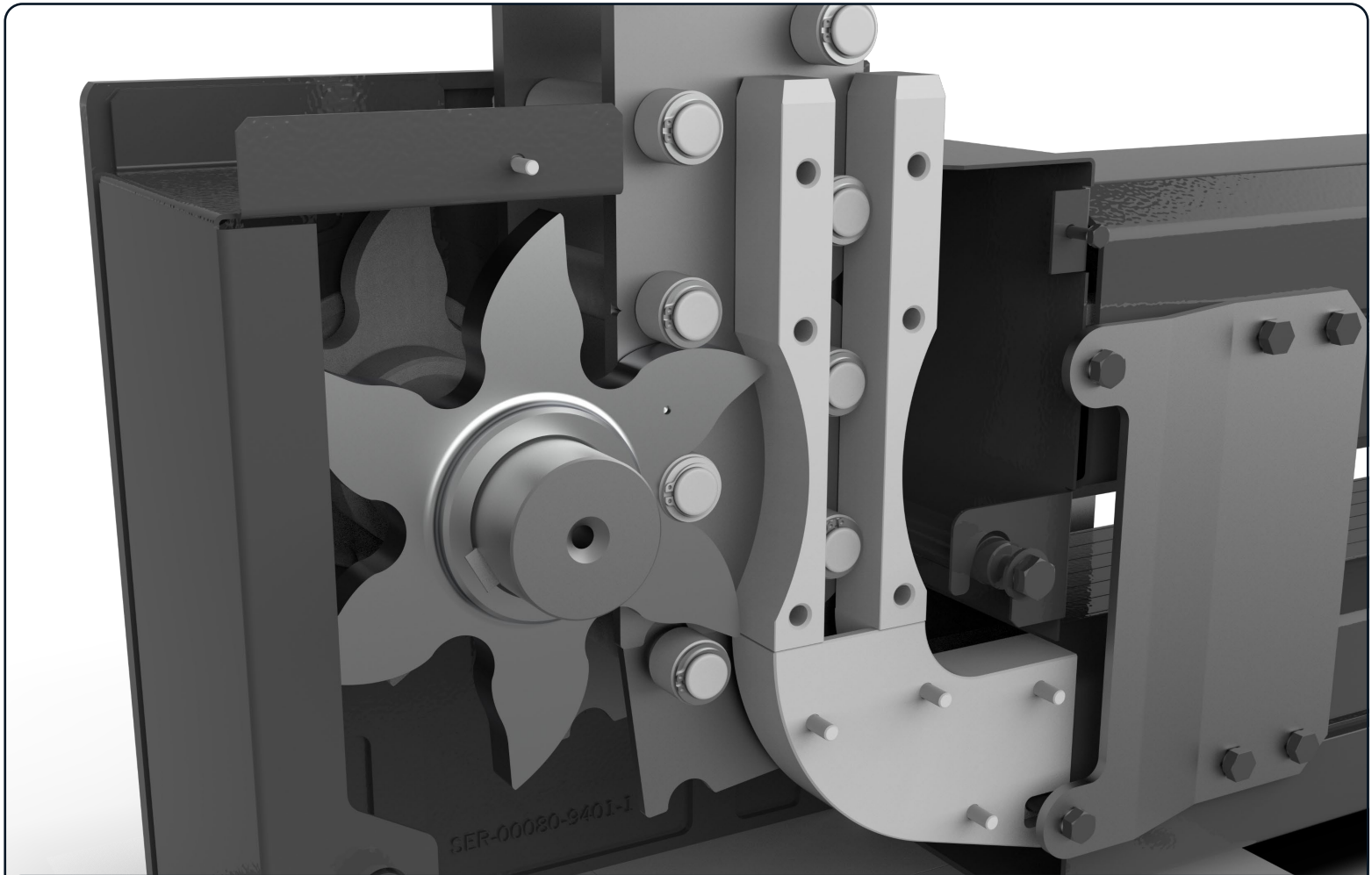
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CONTACT SERAPID

SERAPID



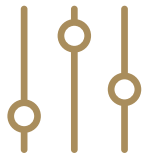
SERAPID

LEVERAGING EXCELLENCE



COMPACT

Shallow Pit
Compatible



PRECISE

Accurate & Repeatable
Positioning



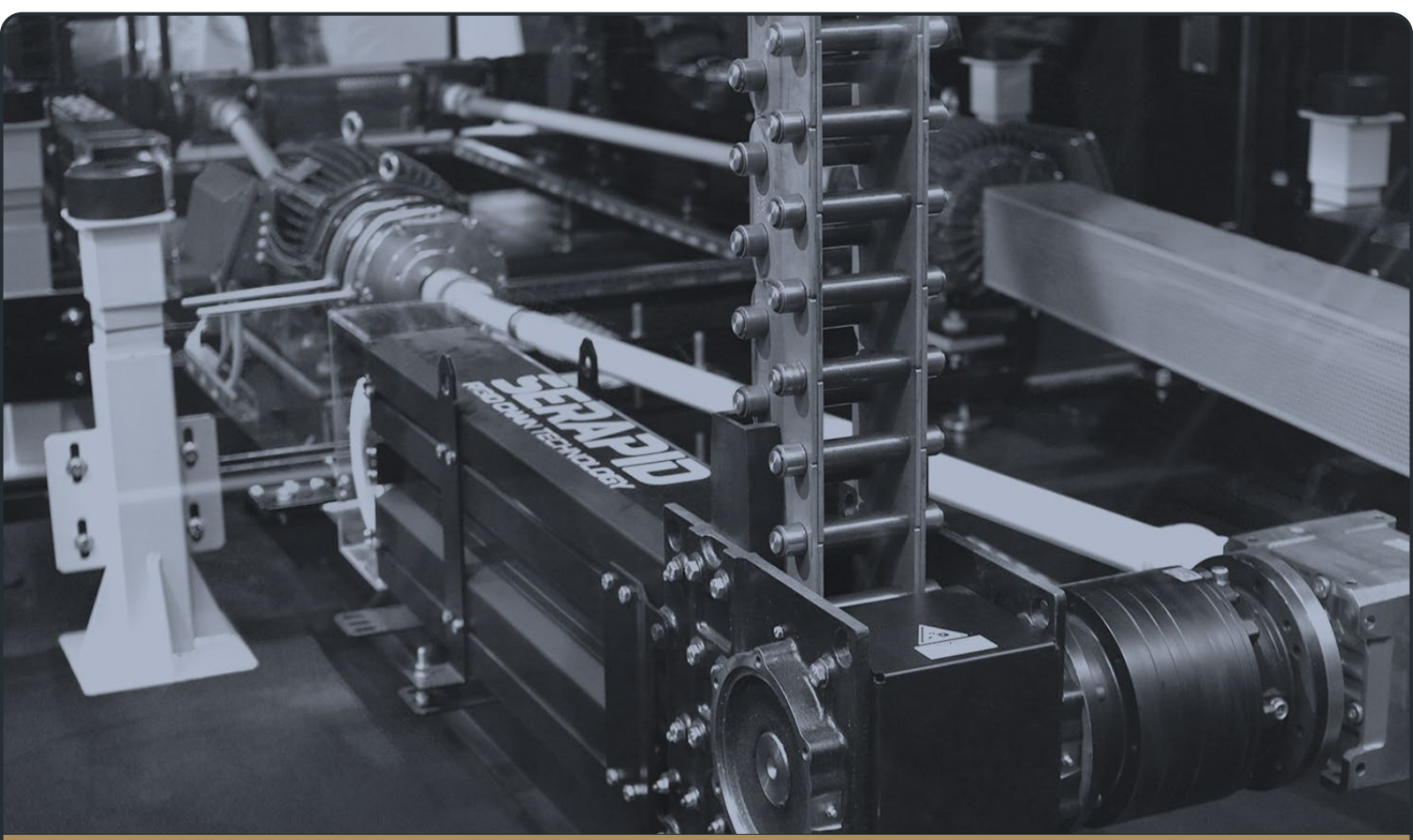
ROBUST

High Reliability &
Low Maintenance



GREEN

High Energy Efficiency



INDUSTRY OVERVIEW

LINEAR MOTION SOLUTIONS

VERSATILITY OF APPLICATIONS

REPLACEMENT OF LEGACY SYSTEMS

RESTORATION OF HISTORIC THEATERS

LINEAR MOTION SOLUTIONS



SERAPID Rigid Chain Technology is revolutionizing the live entertainment, stage and theater industry.

SERAPID linear movement and lift systems excel in dynamic environments such as the live entertainment, stage, and theater industries. Our patented technology seamlessly integrates into tight, complex spaces, offering an ideal solution for stage equipment, set automation and modular venue design.

SERAPID push-pull chains offer smooth and powerful movement of large and heavy trusses, seating wagons, walls, platforms and more. Easily create dramatic transformations on stage with ease while ensuring safety and reliability in environments where timing and precision are critical.

SERAPID has carved a niche in the live entertainment industry by providing innovative electro-mechanical actuators powered by Rigid Chain Technology such as the well-known LinkLift. Our engineering department collaborates with production teams and architects to design custom systems that meet the specific technical requirements of your project.

Over 50 years SERAPID has become the most trusted name in linear motion and lifting solutions. From quick seat exchange and modular venue transformation to orchestra lifts and lighting automation, our engineers and equipment can solve any challenge.

VERSATILITY OF APPLICATIONS



From runways to opening ceremonies and more, SERAPID systems push, pull and lift heavy loads.

SERAPID is widely recognized for stage and orchestra lifts, but our contributions to live entertainment extend far beyond that. Rigid Chain Technology (RCT) allows creative stage designs and dynamic set movements in theaters, arenas, and other performance venues.

RCT offers heavy lifting and precise positioning, making it ideal for moving props and creating immersive experiences. From the Olympic games to world-class concert tours, SERAPID caters to the demands of modern, high-energy live shows.

- ▶ **Clean operation** without the use of hydraulic fluids.
- ▶ **Millimeter range accuracy** for repeatable positioning
- ▶ **Standard speed up to 300 mm/s**, higher speeds on demand – up to 1m/s.
- ▶ **Compact Design:** Easily integrated into existing systems with small footprint for confined spaces.
- ▶ **Safety:** Equipped with advanced safety features, including emergency stops and redundant systems.

REPLACEMENT OF LEGACY SYSTEMS



SERAPID offers 40 years of experience replacing old hydraulic, pneumatic & screw jack systems.

With over 40 years of hands-on experience, SERAPID specializes in renovating theaters by replacing outdated hydraulic and pneumatic systems with our patented Rigid Chain Technology. Our system often does not require removal of existing machinery, streamlining the process and reducing downtime.

SERAPID works together with architects and planners every step of the way, from initial planning to execution, ensuring a seamless process, and our design team will work with you to ensure success of your project from design to installation.

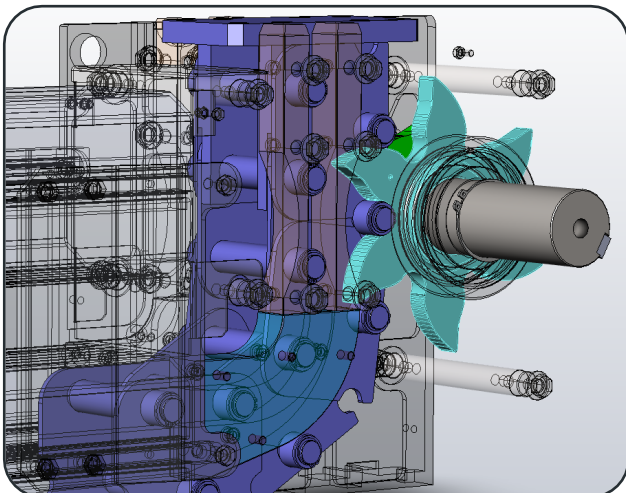
Rigid Chain Technology delivers smooth, precise, and quiet movement for stage lifts, orchestra pits, quick seat change and other critical systems without the headaches of hydraulic systems. Our system is practically maintenance free (besides annual lubrication) and guaranteed for 1 million cycles.

In addition to being safe and reliable, electro-mechanical systems are a more sustainable choice for linear motion in terms of both efficiency and carbon footprint. SERAPID's proven track record and years of experience speak for themselves.

RESTORATION OF HISTORIC THEATERS



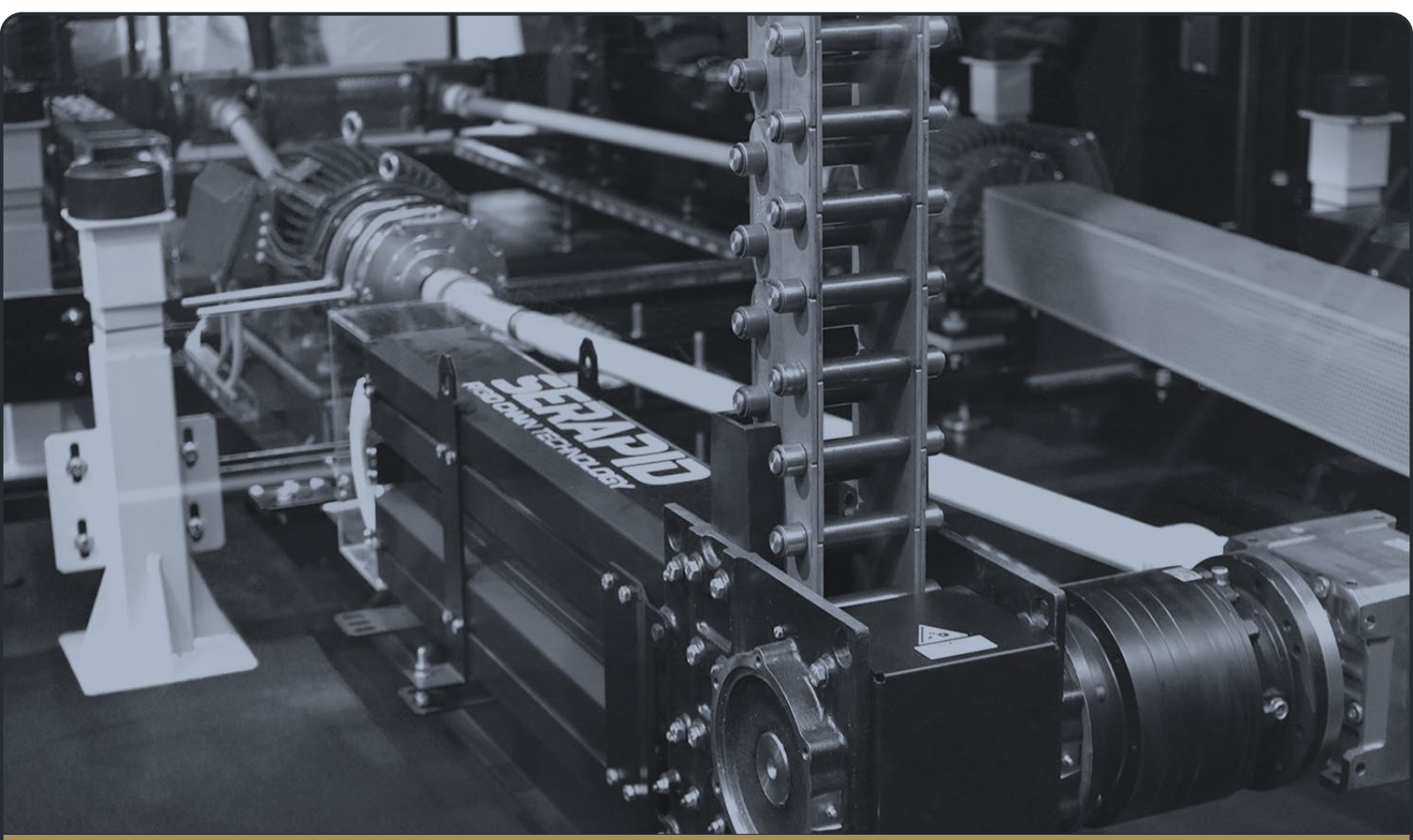
Effortlessly integrate into existing structures without machine rooms or structural changes.



SERAPID has over 40 years of expertise in the restoration of historic buildings, offering the ideal solution for upgrading to modern functionality without altering the building's original structure.

Our compact systems require no machine room and can be installed with minimal disruption, making them perfect for preserving the architectural integrity of heritage sites.

SERAPID Rigid Chain Technology provides smooth, robust & reliable performance in tight spaces with a compact footprint and minimum pit depth of 1.5m.



PRODUCTS & SOLUTIONS

ELECTROMECHANICAL ACTUATORS

THE NEW SERAPID LINKIFT 3

QUICK SEAT EXCHANGE

STAGE LIFTS & EVENT PODIUMS

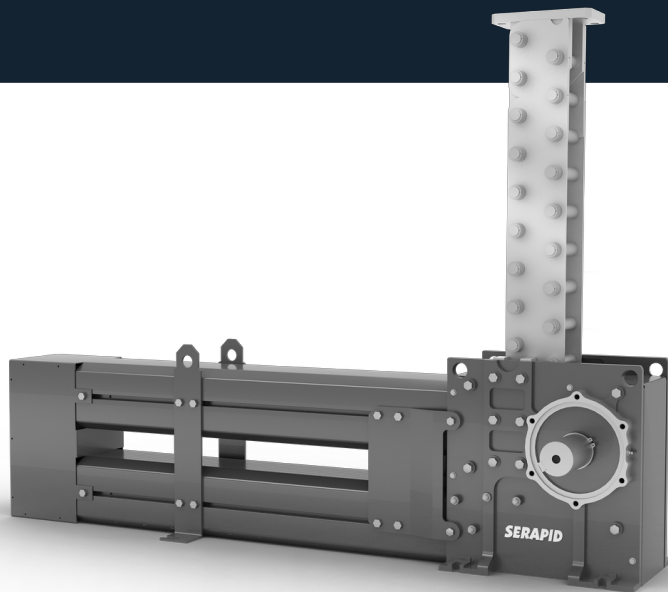
SOLUTIONS FOR LIGHTING



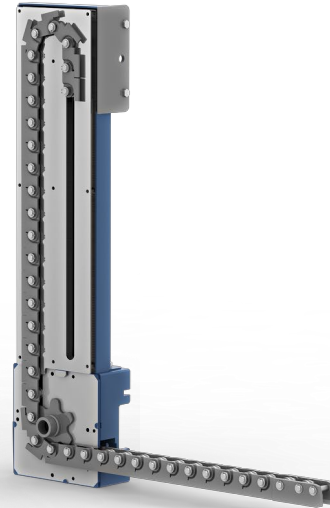
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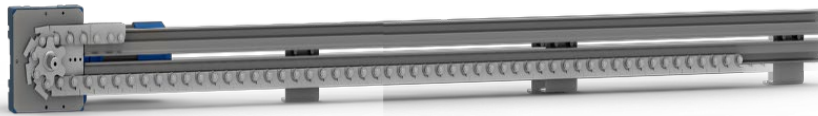
ELECTRO-MECHANICAL ACTUATORS



SERAPID LinkLift



SERAPID RollBeam



SERAPID LinearBeam



SERAPID ChainMast

SERAPID's various electromechanical actuators offer compact storage and telescopic action for unmatched horizontal & vertical load transfer.

SERAPID offers a complete range of standard products utilizing rigid chain technology to deliver unparalleled reliability, versatility, and efficiency for a wide array of applications. The SERAPID RollBeam and LinearBeam offer horizontal movement, while the LinkLift, HDLift and ChainMast offer lifting.

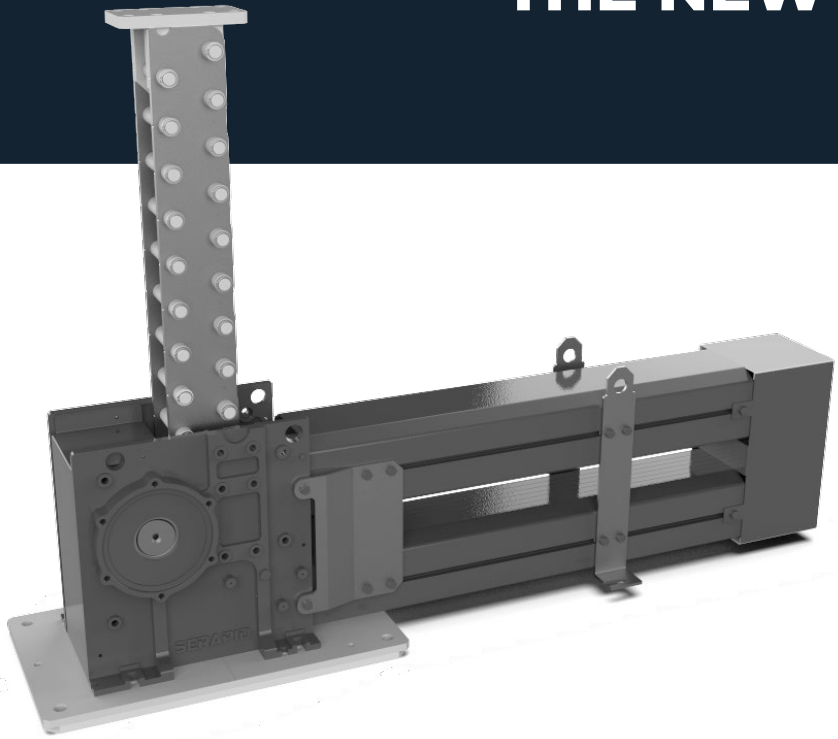
Whether your requirements involve vertical or horizontal movement, long stroke or extremely heavy loads, our standard products are engineered to meet your needs with precision and reliability.

SERAPID products, such as the LinkLift, have become renowned worldwide for delivering the precision, reliability, safety and durability demanded in the live entertainment and venue design industries. Our products have been utilized in the Olympic Games, the O2 arena and more.

Whether creating reconfigurable experiences, multi-purpose venues, or automating quick seat exchange, SERAPID's design and engineering excellence consistently delivers reliable linear motion.

THE NEW SERAPID LINKLIFT

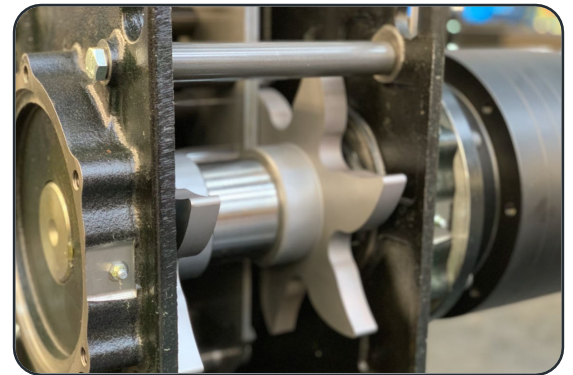
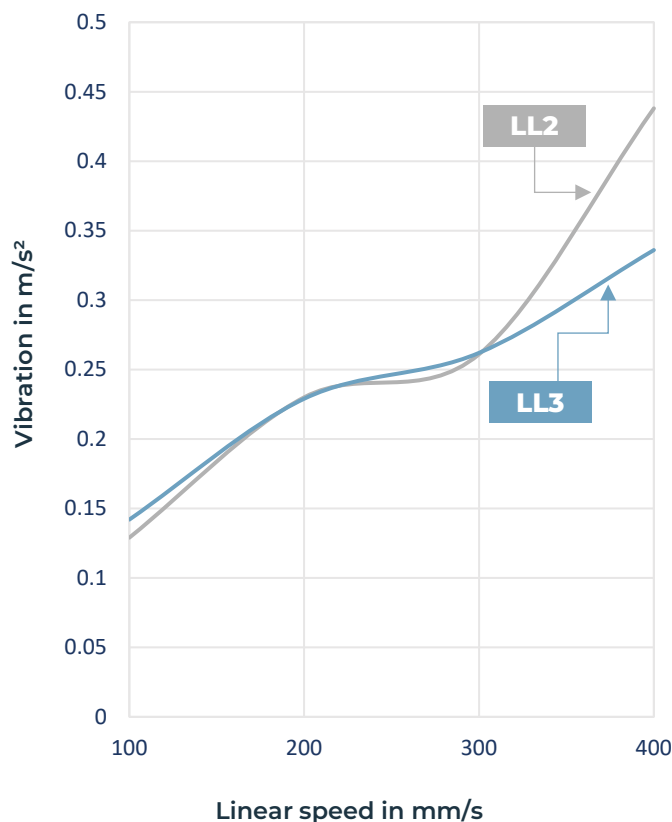
3RD GENERATION



UP TO **20%**
REDUCED
VIBRATION
AT HIGH SPEEDS

Extension Acceleration RMS

Wb Weighting filter



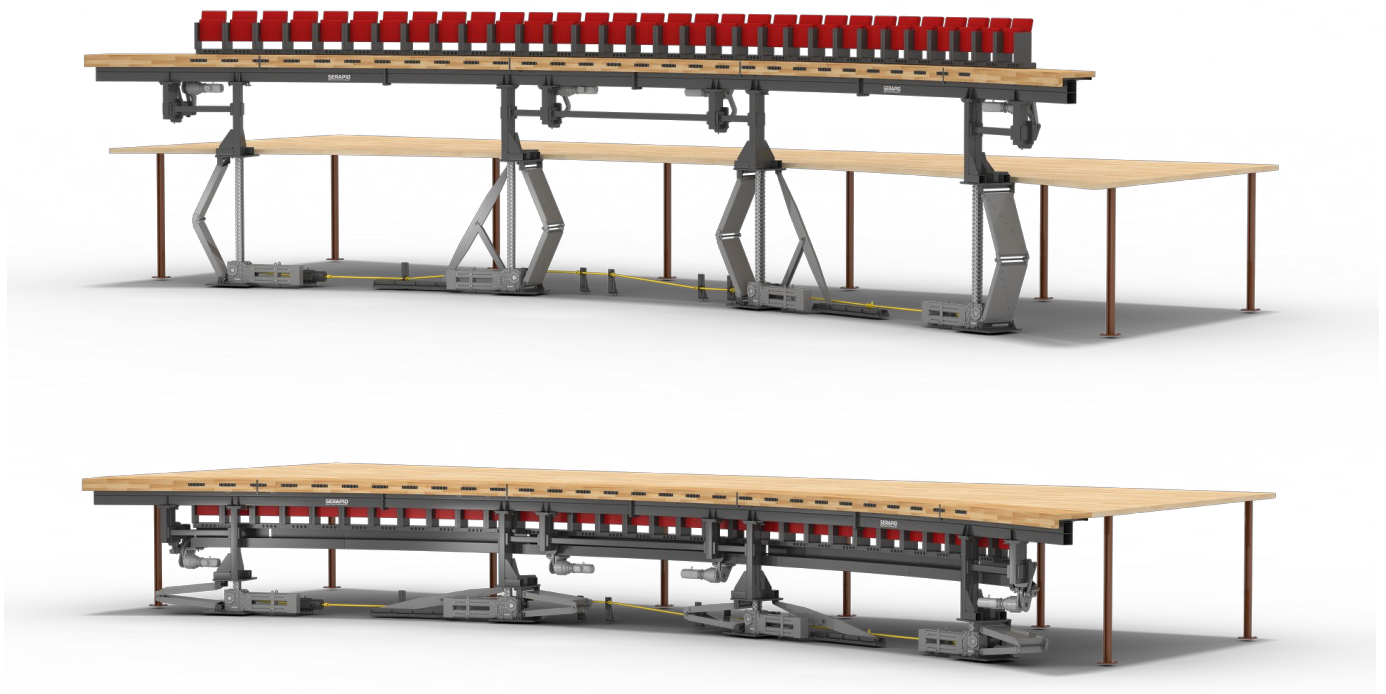
Improved performance & smoother movement

SERAPID has been consistently innovating and improving products to achieve the highest performance possible for over 50 years.

This dedication to innovation has resulted in the development of the most recent design, the 3rd generation LinkLift, which boasts up to 20% reduced vibration at high speeds.

QUICK SEAT EXCHANGE (QSX)

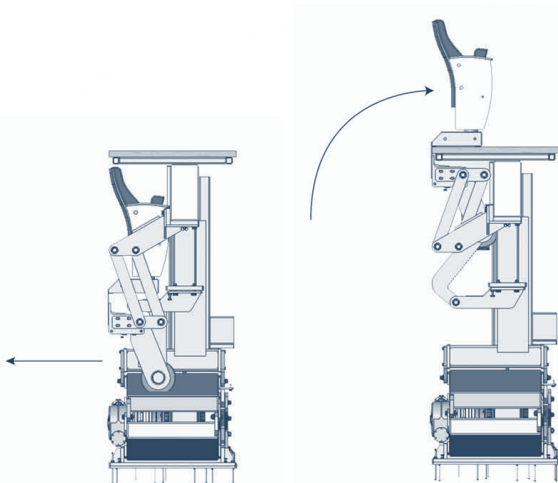
Rigid Chain Technology is the single solution for both curved and straight rows of seating.



CONVERT YOUR SPACE IN MINUTES

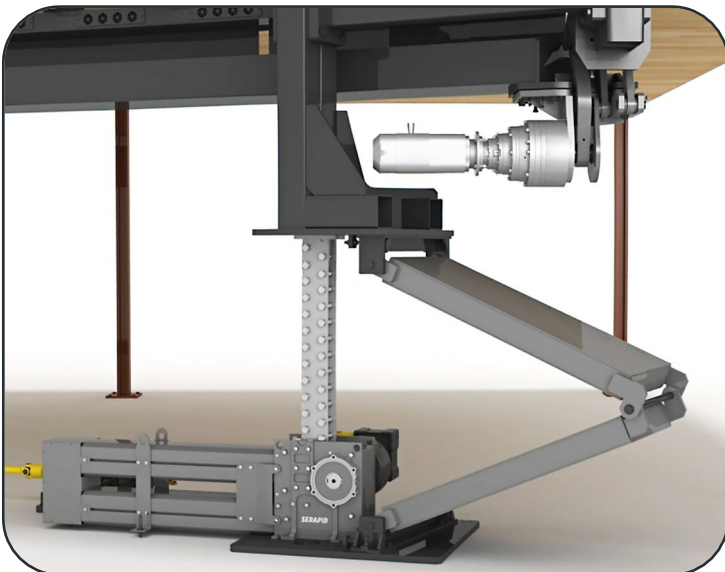
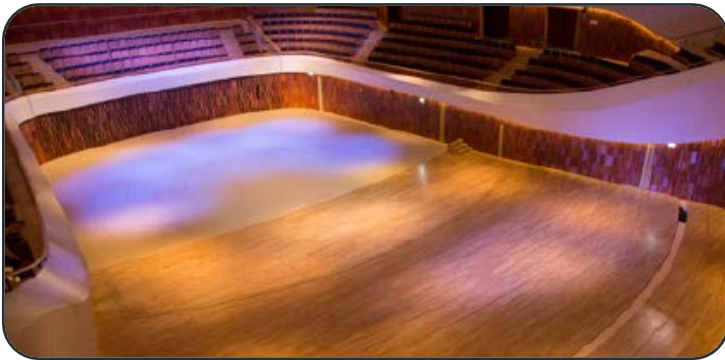
SERAPID's Quick Seat Exchange (QSX) system enables fast and fully automated transition from flat floor to variable raked rows of seats at the push of a button. This allows venues to host multiple event types in a single space, maximizing occupancy and revenue. Our patented system is both reliable and energy efficient.

SERAPID's design is unique in that it works for both curved and straight seating layouts, unlike our competitors, maximizing the options for design functionality. SERAPID QSX can be customized to suit your needs, with features such as an air conditioning system at the base of each seat. The possibilities are endless!



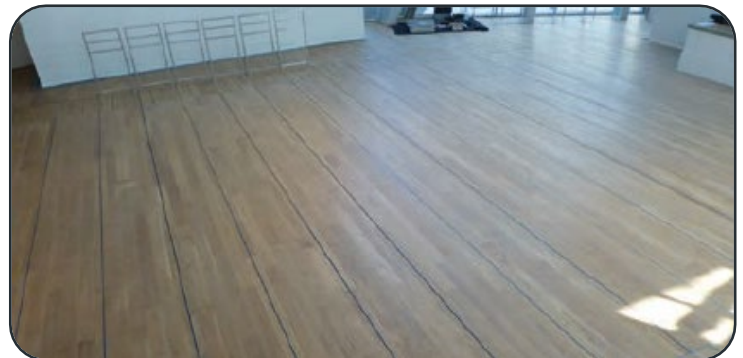
QUICK SEAT EXCHANGE (Qsx)

Complete transition from flat floor to raked rows of seating in a matter of minutes with SERAPID Qsx.



SPECIFICATIONS OVERVIEW

- ▶ Medium radius of curved row: 20m
- ▶ Minimum radius of curved row: 5m
- ▶ Minimum pit depth: 1.5m
- ▶ Minimum width of row: 900mm
- ▶ Maximum stroke: 500mm
- ▶ Lifting speed: 50 to 300mm/s
- ▶ Single row change time: 30s
- ▶ Total transformation time: 3-10 min



STAGE LIFTS & EVENT PODIUMS



Smooth, Quiet & Powerful Lifts

SERAPID's stage lifts and event podiums, powered by the LinkLift, can rise up to 28 meters with practically silent and smooth movement. Our lifts are renowned for their low-volume operation in opera houses, theater performances and other scenarios when performance cannot be disrupted. Bespoke systems can be engineered to perfectly incorporate into your venue design.

SERAPID Lifts are EN81 certified, reassuring you that all requirements and the highest safety standards are met. The SERAPID LinkLift is known industry wide as a name you can trust, providing safe, reliable and accurate movement.



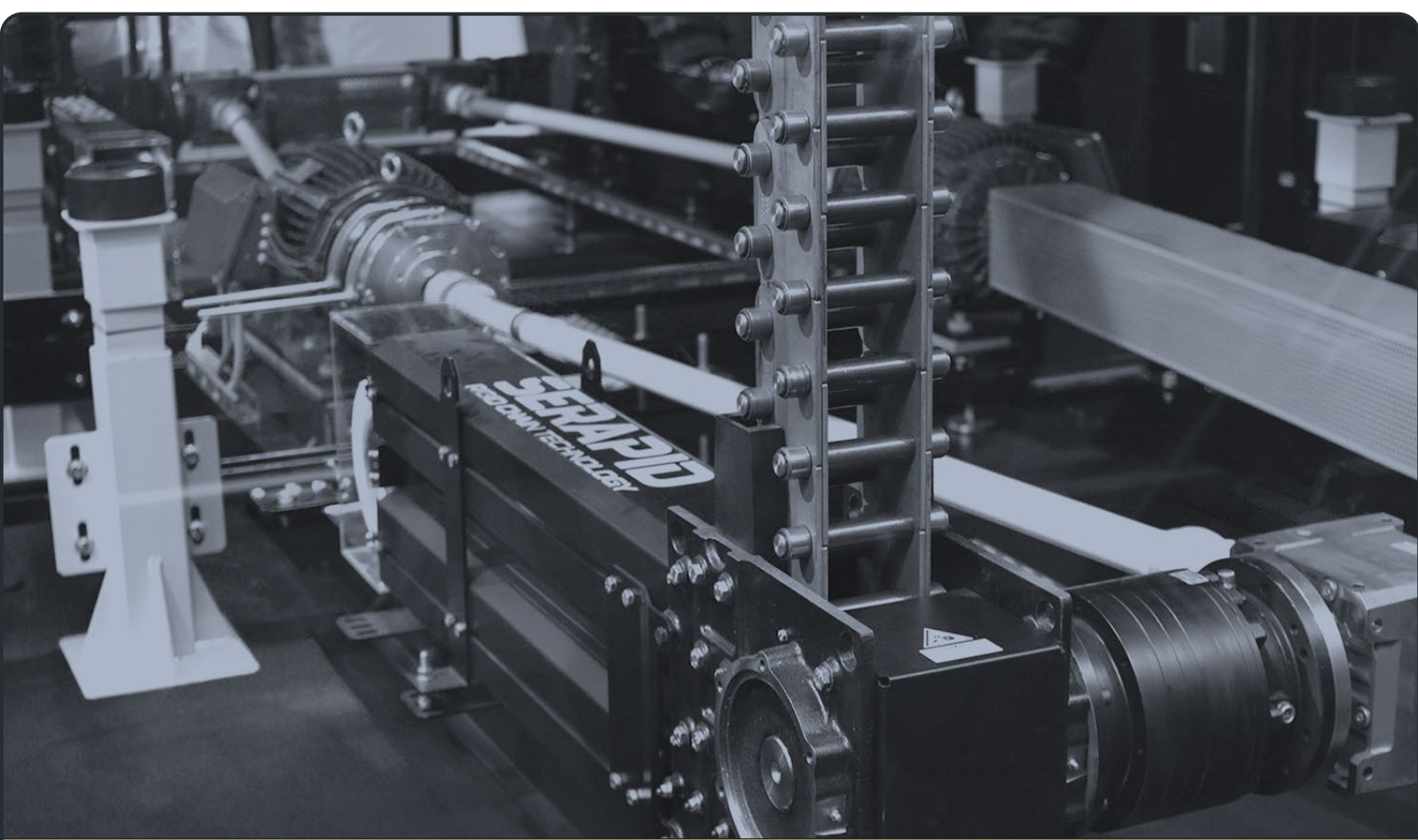
SOLUTIONS FOR LIGHTING TELESCOPIC TRUSS & COLUMNS



Unguided telescopic masts and truss systems offer accurate positioning of lighting, projectors & more

SERAPID's telescopic masts and multi-mast systems are designed for lifting a wide range of equipment including lighting trusses, projectors, speakers, and more. Utilizing Rigid Chain Technology, The SERAPID ChainMast and TeleMast systems provide smooth, precise, and stable vertical movement, ensuring the safe handling of heavy loads with repeatable programmable positioning with 1mm accuracy.

The telescopic movement allows for a design with a compact footprint, making it an ideal choice for venues where space is limited. SERAPID's multi-mast systems can be synchronized to lift large or irregularly shaped structures, providing flexibility for dynamic stage setups and event configurations. Whether for concert halls, theaters, amusement parks or outdoor events, SERAPID is trusted for robust & reliable lifting.



APPLICATION SCENERIOS

RECONFIGURABLE EXPERIENCES

MULTIPURPOSE VENUES

LINEAR MOTION FOR CRUISE SHIPS

PUSH / PULL SYSTEMS

BENEFITS & FEATURES

RECONFIGURABLE EXPERIENCES

Harness the power of Rigid Chain Technology to reconfigure your venue space in minutes.



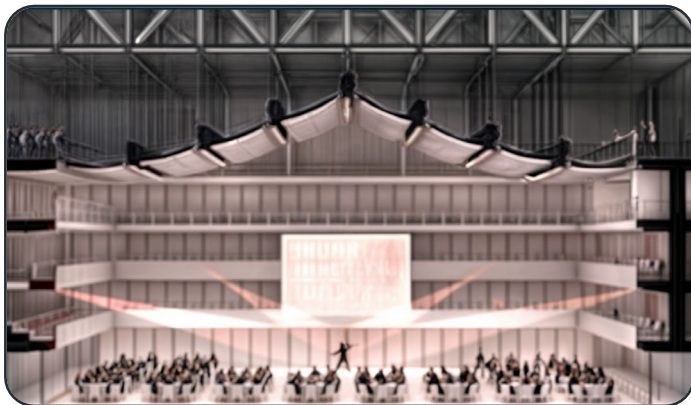
Theater Stage

- Move Backdrops, large props, and instruments.
- High-speed positioning with very low noise.
- Adjust seating for various audience sizes.



Orchestra

- Stage apron lowered for orchestra pit.
- Adjustable stage platforms for musicians.
- Quick Seat Exchange for curved or straight rows.



Flat Floor

- Conventions, trade shows, seated dining & more.
- Complete transition in less than 10 minutes



Experiential Media

- Position lighting trusses & large video displays.
- Adjust horizontal and vertical walls & platforms.

MULTIPURPOSE VENUES

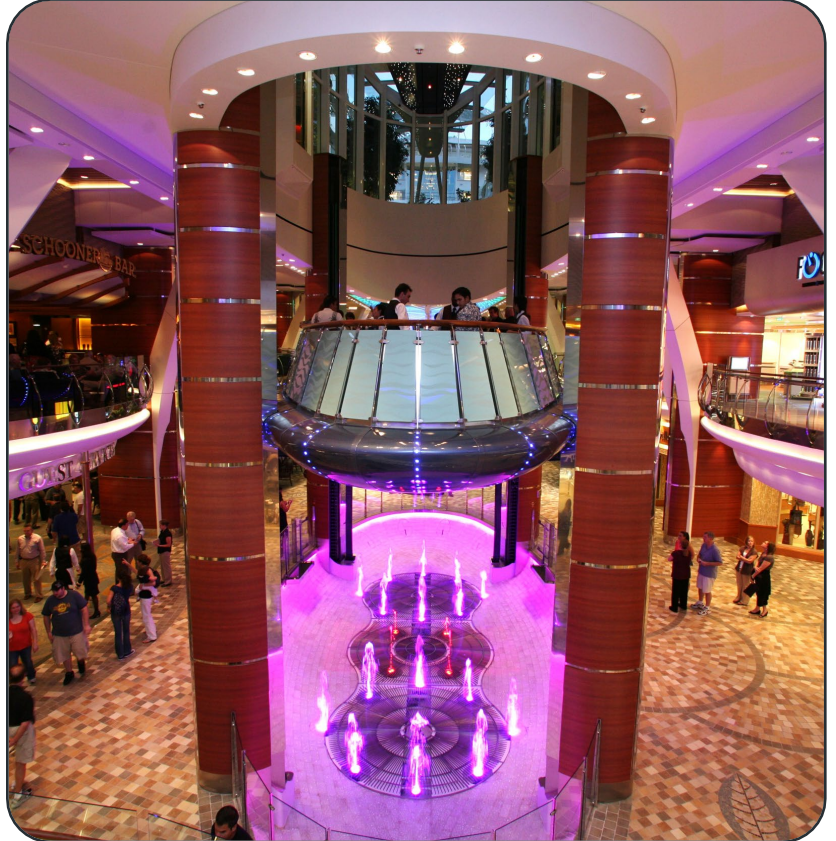


Modern event spaces require versatile layouts.

Transforming multipurpose venues, such as arenas or conference centers, requires a reliable and adaptable solution. SERAPID's Rigid Chain Technology makes it easy to reconfigure seating wagons and other large structures with minimal effort. The LinkLift system provides reliable vertical movement for raising or lowering platforms and seating sections, handling heavy loads safely with smooth and precise motion.

By incorporating SERAPID technology, venues can dramatically reduce transition times, improve flexibility, and increase operational efficiency. These systems allow for fast and safe reconfiguration, making multipurpose spaces more versatile and adaptable to various events and audience sizes. Large venues can reconfigure in minutes to add additional seating or change from sports to trade show to concert format with ease.

LINEAR MOTION ON **CRUISE SHIPS**



On cruise ships, SERAPID Rigid Chain Technology functions where competing options simply cannot.

Rigid Chain Technology is the perfect solution for theaters and live entertainment systems aboard cruise ships, offering reliable performance in unique maritime environments. When available space is at a premium, multi-use venues allow for a variety of entertainment.

Unlike traditional systems that require constant compression or tension, Rigid Chain Technology operates with an electro-mechanical push/pull chain mechanism, eliminating the need for continuous force to maintain stability. This makes it highly adaptable to the varying gravitational forces encountered at sea. SERAPID's compact system design and smooth, quiet

movement make it ideal for stage lifts, seating reconfigurations, and elevators on cruise ships, such as the unique "Rising Tide Bar" pictured here.

Guest experiences are the single most important indicator of a successful cruise, and SERAPID has worked with top companies in the industry to create unique and memorable features at sea. With our Rigid Chain Technology, cruise ships can deliver world-class entertainment and reconfigurable experiences in even the most challenging environments, combining efficiency and versatility with the demands of onboard live shows and guest hospitality.

PUSH/PULL SYSTEM

MOVING SEATING WAGONS, WALLS & MORE



Push and pull heavy loads smoothly and accurately:

SERAPID's push/pull actuators offer powerful horizontal movement solutions for live entertainment venue design. Rigid Chain is ideal for moving seating wagons, walls, and other large structures, enabling reconfiguration spaces with ease. Whether shifting seating layouts, repositioning stage elements, or adjusting partitions, SERAPID's technology ensures precise and reliable motion.

The compact and robust design of the RollBeam and LinearBeam allow for effortless movement of the heaviest loads over any distance. From concerts to conferences, SERAPID's solutions reliably meet diverse requirements of live entertainment venues.

BENEFITS & FEATURES



Advantages of the SERAPID Load Transfer System:

- ▶ **Rigid Chain Technology** ensures precise, reliable and near silent motion in various environments.
- ▶ **Customization:** Tailored to the unique requirements of any project with specialized turn-key systems.
- ▶ **Versatility:** Suitable for a wide range of applications, everything from stage lifts to moving walls.
- ▶ **Compact Design:** Easily integrated into existing systems with small footprint for confined spaces.
- ▶ **Safety:** Equipped with advanced safety features, including emergency stops and redundant systems.
- ▶ **Clean operation** without the use of hydraulic fluids.
- ▶ **Standard speed up to 300 mm/s**, higher speeds on demand – up to 1m/s.
- ▶ **Millimeter range accuracy** for repeatable positioning.
- ▶ **Industry Expertise:** 50 years of experience working in the live entertainment and theater design world

QUALITY ASSURANCE

SERAPID follows the highest safety & quality standards:



- Lifts Directive 2014/33/UE
- Machinery Directive 2006/42/EC
- Standards NF EN 81-31:2010, NF EN 81-20:2014, NF EN 81-50:2014, DIN 56950-1:2012-05



EN81 + EN17206 Safety factor included. No further correction required.

Trusted for over 50 years by industry leaders:



Mercedes-Benz



FONDATION LOUIS VUITTON





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