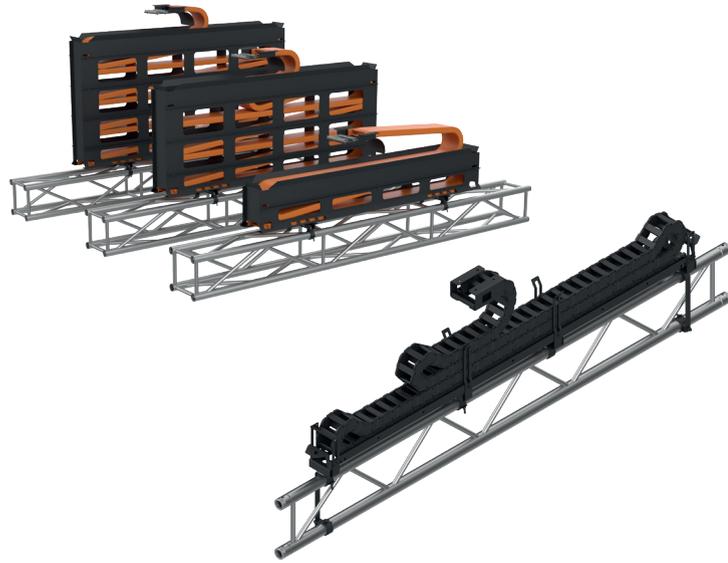


Efficient and reliable motion up to 40m

Zig-zag systems



As an alternative to the e-spool®, we offer various zig-zag systems including our classic which has proven itself on the stage for many years; for example at the Royal Opera House in London since 1998. This space-saving system also allows different media to be guided together without interruption and with no slip ring. The energy chain unfolds during the stage machinery's vertical movement. Since 2024, we have also been offering a low-cost variant. This system has all the advantages of an e-chain® with a new guide concept for travel lengths of up to 10m. For upper stage machinery, the guide box is mounted on the tie rod or truss, in the under stage machinery on the floor below the podium.

- Quiet and low-vibration
- No tensile strain on the cables
- Easily add or replace cables
- Guide different media in one system: electricity... data... fibre optics...
- Ready-made complete sets in the online shop for travel lengths of up to 15 metres
- Customised systems with vertical travel distances of up to 40 metres possible

Available as a standard complete system with a travel of up to 15 meters:

igus.eu/zigzag-iset



Low-cost option without guide box. 50% lighter and more cost-effective:

igus.eu/lowcost-zigzag

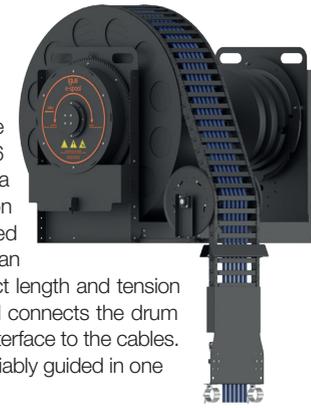


Compact guidance of higher fillings up to 40m

e-spool® theatre

Discover the energy chain system for theatre and stage operations based on DIN EN 17206 and DGUV principle 315-390. The e-spool® is a cable guidance system with automatic retraction (spring tension). A new tension-optimised e-chain® is guided with a drum and uses an integrated retaining spring to ensure the correct length and tension for the energy supply system. The twisterband connects the drum with the shaft end block, which serves as an interface to the cables.

- Different media types and sizes safely and reliably guided in one system
- Price reduced by up to 50% compared to previous e-spool® solutions
- Ready-made complete sets in the online shop: for travel lengths of 10m, 15m and 21m
- In projects with up to 40 metres extension length, with motor and control system
- Standard accessories can be ordered as an option: ratchets, brakes and tethering brackets for ceiling mounting
- Developed following DIN EN 17206 and DGUV Principle 315-390
- Optimised manufacturing process through standardised parts
- Spring force/rotary sensor monitoring (optional)



igus.eu/e-spool-theatre



Slip-ring-free and compact up to 30m

e-spool® microphone

The e-spool® microphone fills a gap in the field of sound technology and is particularly versatile thanks to its compact size and lightweight feature. The use of the twisterband eliminates the need for a slip ring. Uninterrupted sound transmission can thus be guaranteed, for an extension length of 30m. The e-spool® microphone is available with a single cable or as a stereo variant with two cables to which two microphones can be connected. Both systems are supplied with motor and control system, the e-spool® microphone stereo also comes with a microphone rail for two microphones.

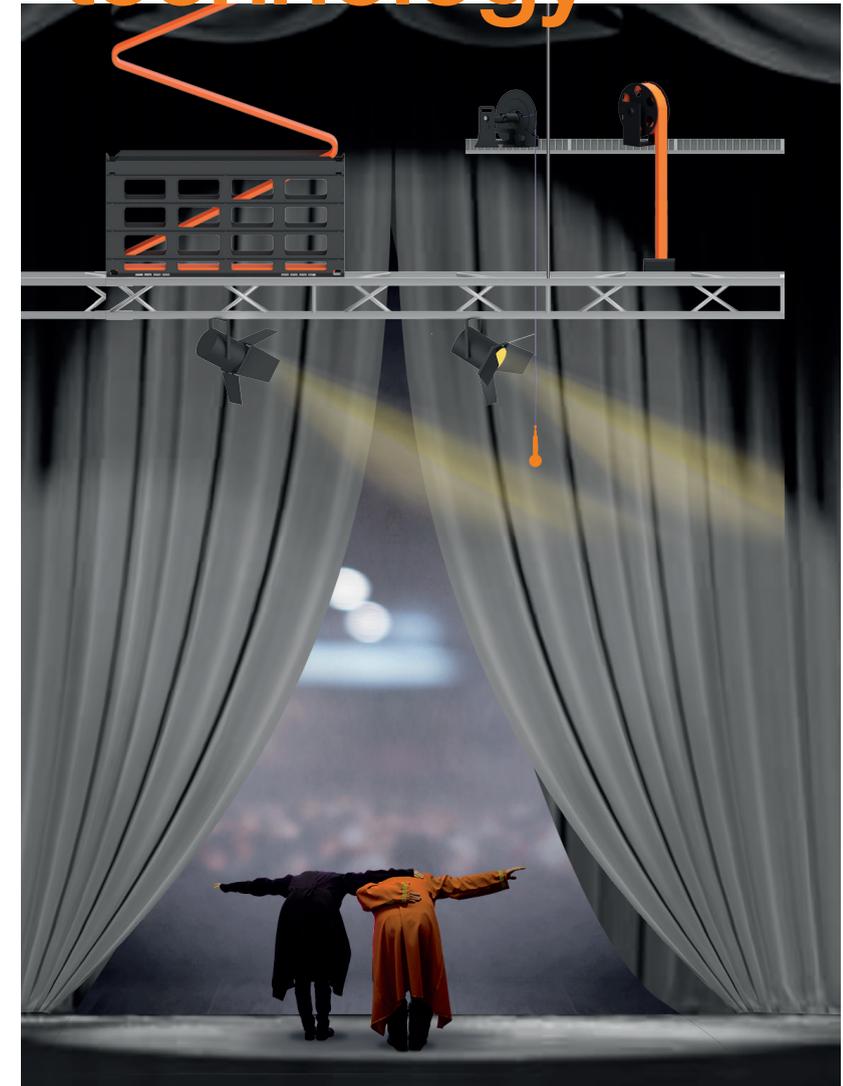
- Uninterrupted audio transmission without slip ring
- Cables can be replaced easily
- No additional load-bearing element necessary
- No manual work at height



igus.eu/espool-microphone

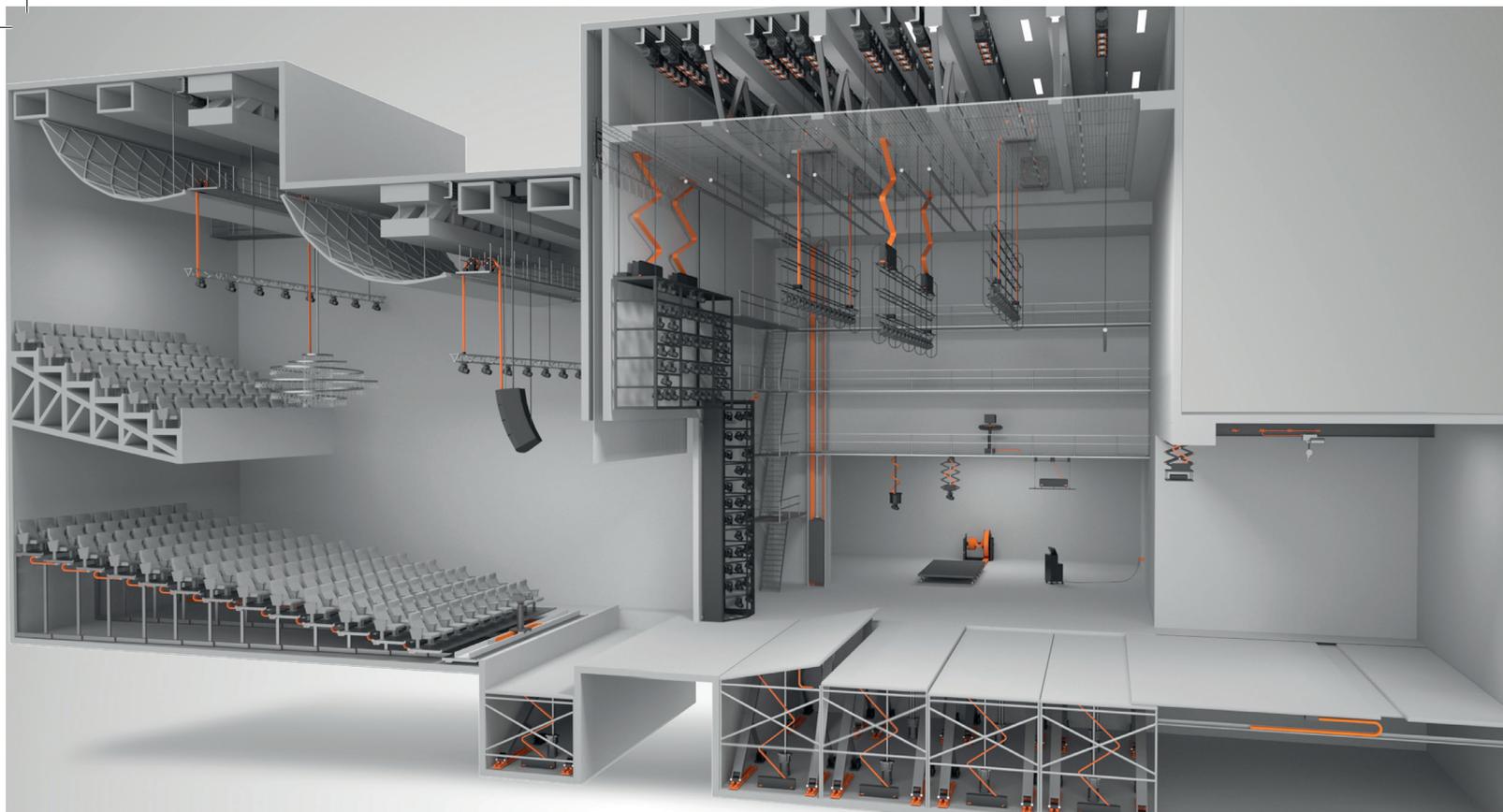


Energy supply systems and bearings for theatre & stage technology



motion plastics®
igus.eu
/stage





Up to 4 times quieter drylin® linear guides and drive technology



A motorised camera slider is a popular tool for smooth camera shots that run precisely and automatically. Here we can either use a ready-made system or assemble your slider individually. We offer the suitable components for this: drylin® linear modules with lubrication-free sliding elements that are up to four times quieter than recirculating ball bearing systems and the matching motor with control.

igus.eu/camera-slider



No failure due to insufficient lubrication

Two-component heavy-duty plain bearings

Our iglidur® Q3E multi-component bearings are the right choice for use under very high loads, for example in scissor joints of stage lifts.

- High mechanical resilience with low wear
- Cost-effective with injection moulding
- Lubrication-free dry operation



igus.eu/igidur-q3e



Lightweight (from 76g)

PRT slewing ring bearings for applications with 360° movement



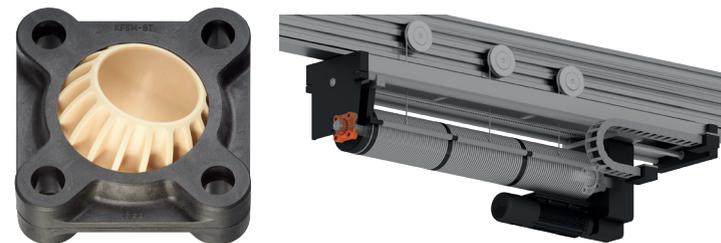
Our slewing ring bearings are equipped with maintenance-free, tribologically optimised sliding elements made of plastic instead of the common metallic rollers or balls. They have the advantage of being quieter and lighter. Made from solid plastic, our cost-effective 05 series weighs just 76g, making it a real lightweight.

igus.eu/PRT-lights



Split design (2 halves)

Self-aligning igubal® flange mounted bearings



igubal® flange mounted bearings are a lubrication-free, efficient solution for shaft bearings in the theatre and stage technology. They are used in drum winches, to precisely align diffusers for optimum room acoustics, or in vertical curtain lifts for stage curtains. The bearings compensate for misalignment and are a cost-effective, maintenance-free and quick-to-install alternative.

igus.eu/KFSM



More information:

igus.eu/stage



MAT0075552-20