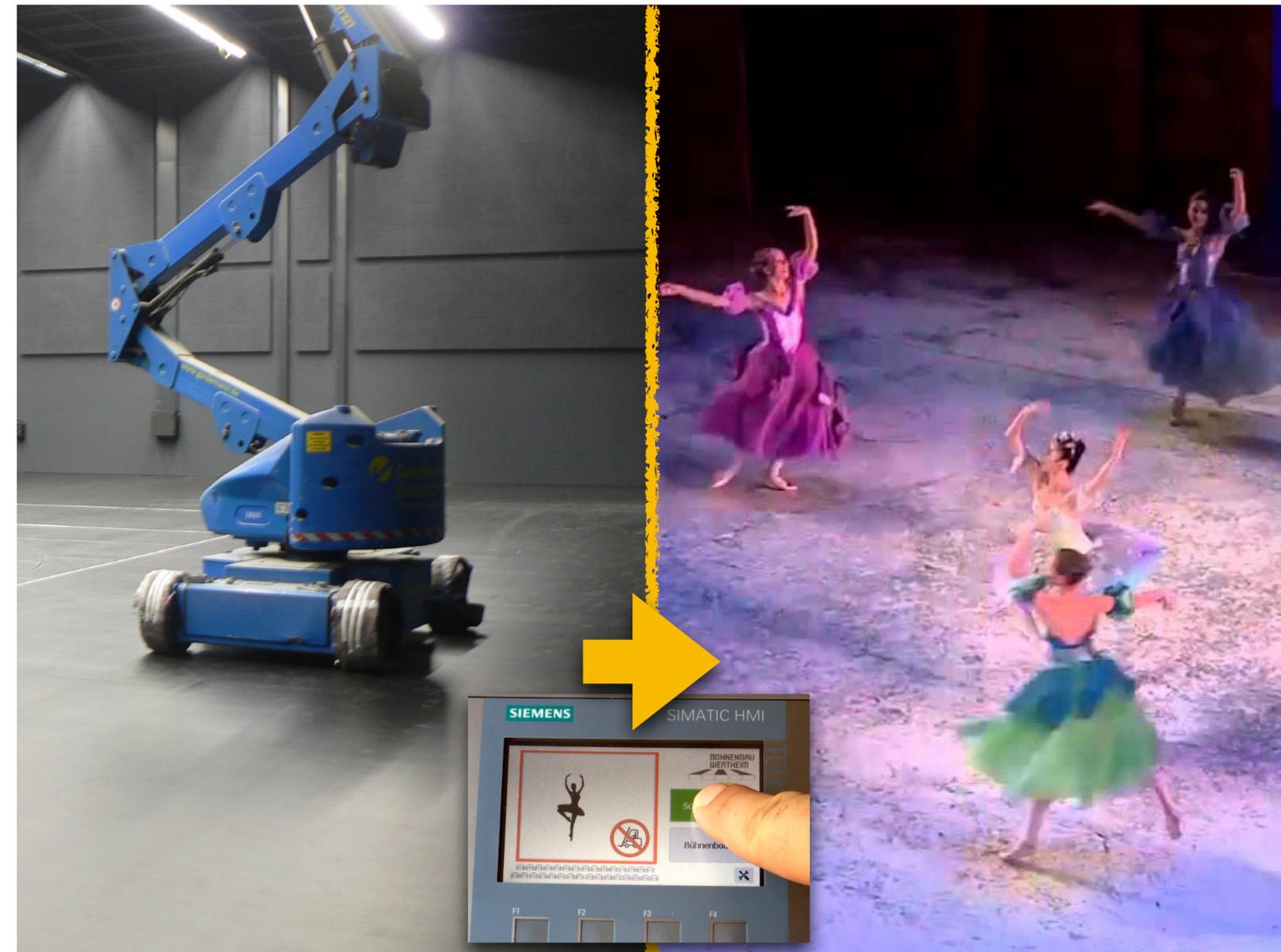


EloTwin

A revolutionary hybrid floor that converts from a stage floor into a ballet spring floor at the touch of a button

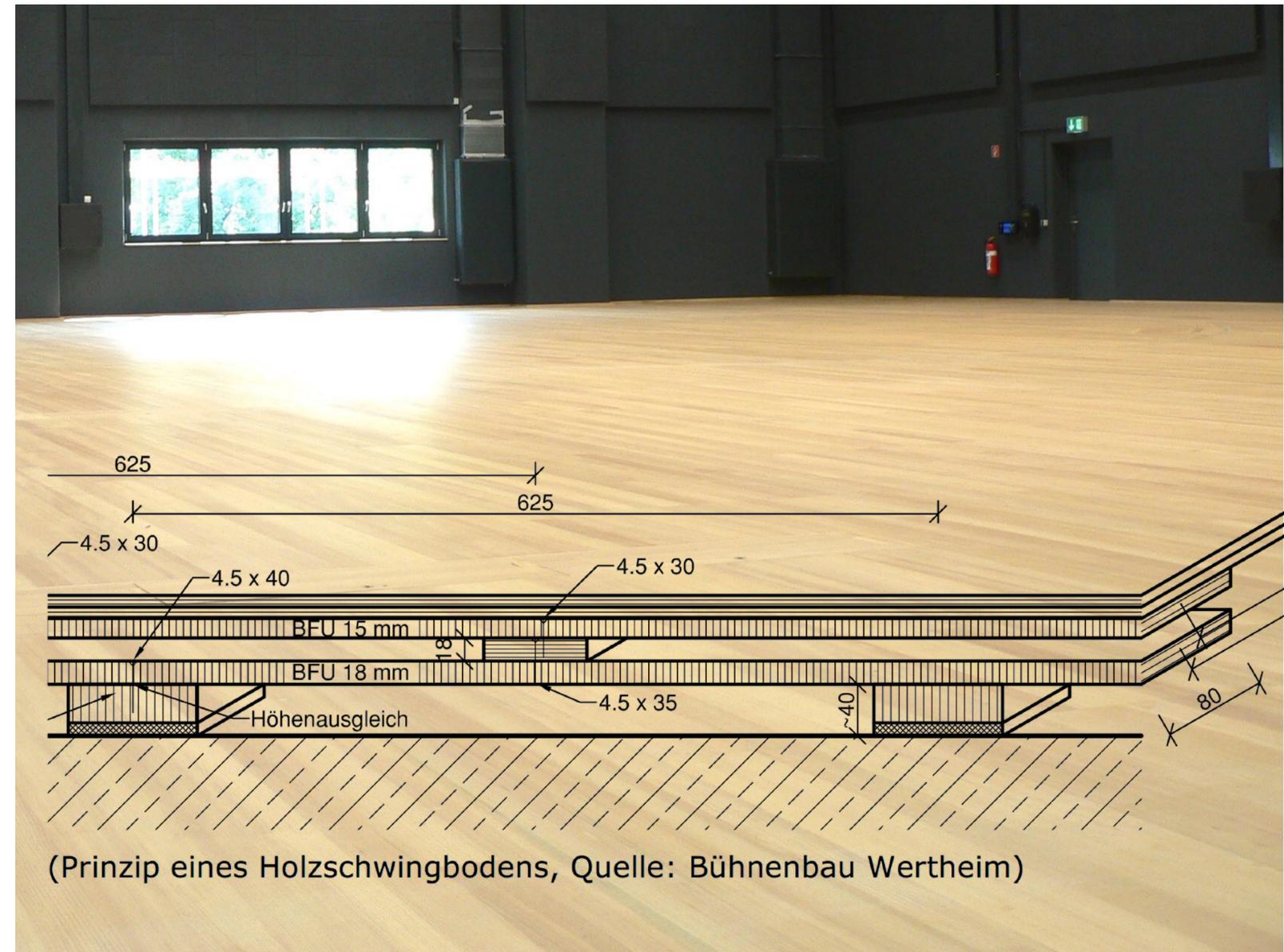
A sprung floor and stage floor in one

- The high-quality wooden sprung floor forms a single unit with the reliable Wertheim 3S panel to form a highly resilient stage floor.
- Ideal for studio stages and rehearsal rooms.
- Time no longer needs to be set aside for rebuilding, resulting in greater sustainability and efficiency thanks to saving on time and staff.
- Simple touch operation and high operational safety.
- From 120 mm installation height



Based on high-quality wooden sprung floor

- EloTwin is based on the type of ballet floor that offers the very highest quality and greatest durability – the wooden sprung floor.
- It complements the leaping energy of the dancers to perfection.
- Vibrational properties remain almost constant over the floor's entire lifespan.
- The vibrational behaviour and thus the degree of hardness of each EloTwin is individually tailored to your needs with test surfaces produced on site.



Reliable Wertheim-3S-panel as stage floors

- High point loads are dispersed safely.
- High-quality solid wooden face sheets made of pitch pine or black pine can withstand rough on-stage activity for a long time.
- Screws or nails can be applied to the floor to fasten the scenery.
- The surface chimes with the classic stage floor appearance thanks to its floorboard look, and can be maintained by sanding.



Ideal for customisable studio stages

- EloTwin allows you to use your studio stage in a completely flexible way, without having to convert it for platforms, heavy decorations or ballet performances.
- There are no longer any limits to the way you can use your studio stage.
- The invisibly integrated sprung floor requires neither steps nor ramps.
- No more stumbling blocks – artists can perform on a ramp-free floor.



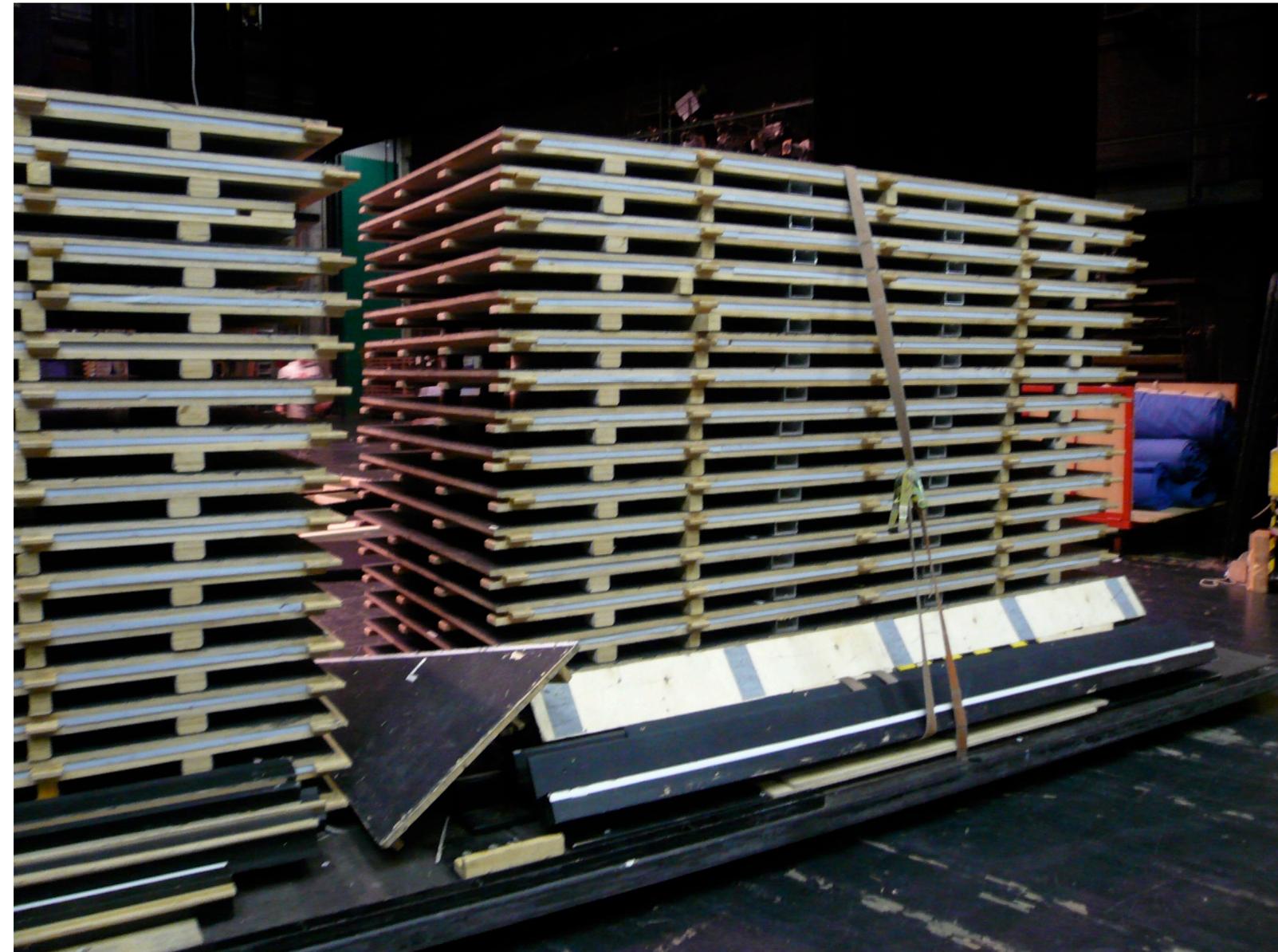
No more rebuilding times

- Using EloTwin allows you to do away with the work involved in converting heavy-duty stage floors into ballet sprung floors and back again.
- Simply pressing the intuitive touch display does the work for you – there's no longer any need for sweaty assembling and dismantling tasks.
- This saves lots of time and money, allowing you to use the stage or rehearsal room in a flexible way at any time, even at short notice.
- As such, it is extremely cost-effective over the long term.



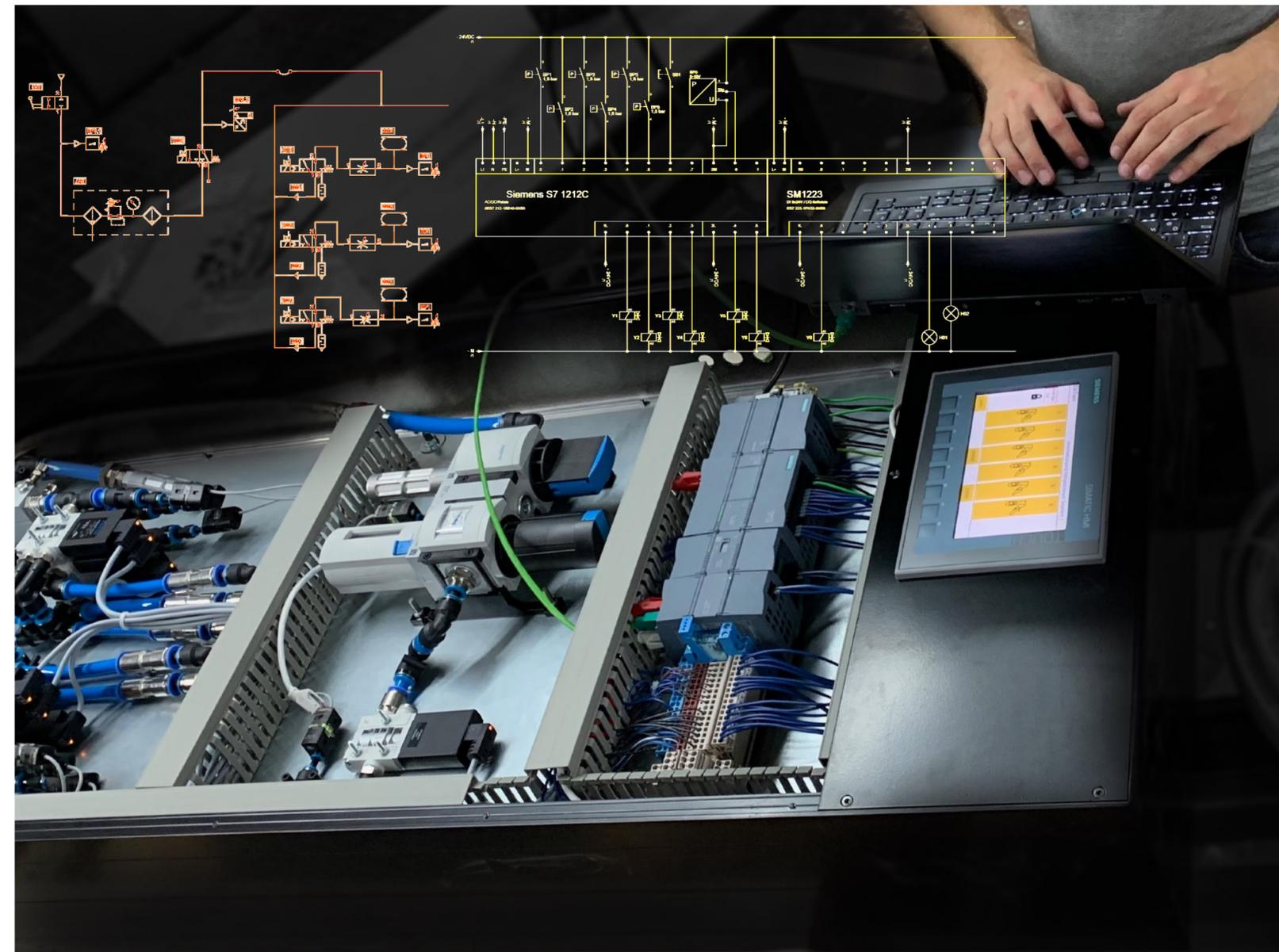
Storage no longer necessary - save space

- The elements that make up ballet sprung floors no longer need to be stored away.
- Working paths and transport lifts are not blocked by lengthy rebuilding operations.
- Storage rooms can be reserved for other purposes.
- Rehearsal rooms can also be used for ballet rehearsals.
- This makes it possible to design highly flexible and space-saving layouts when planning rehearsal facilities.



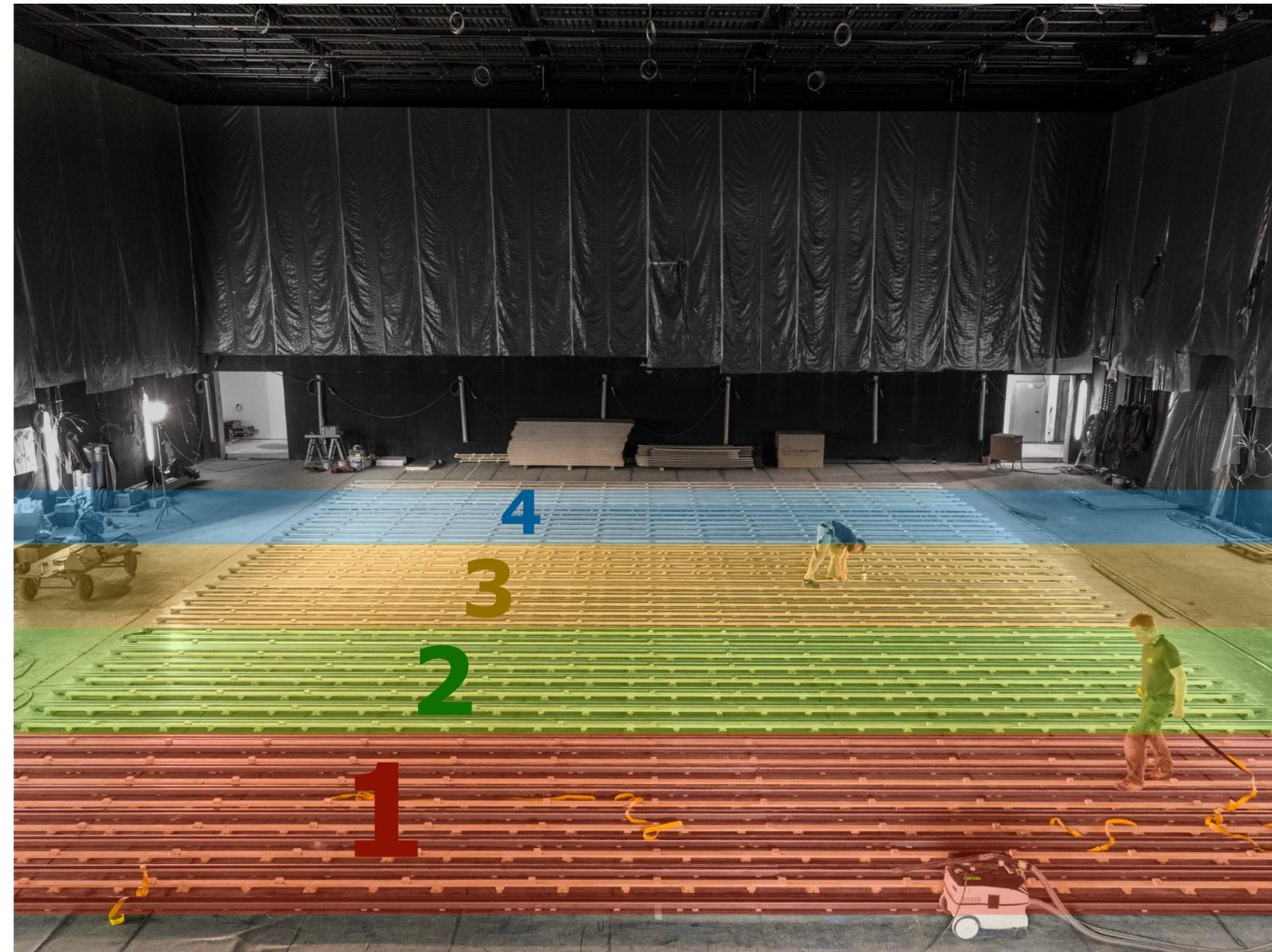
Smart and safe control

- Operating the EloTwin is a breeze thanks to the touch control panel.
- Tried and tested Siemens SPS S7/1200 controls make it easy to select the operating mode.
- The construction methods allows the floor to remain in the selected mode even in the event of a complete power cut and drop in pressure, thus ensuring additional operating safety.
- It is easy to create a connection with higher-level controls via ethernet/IP.



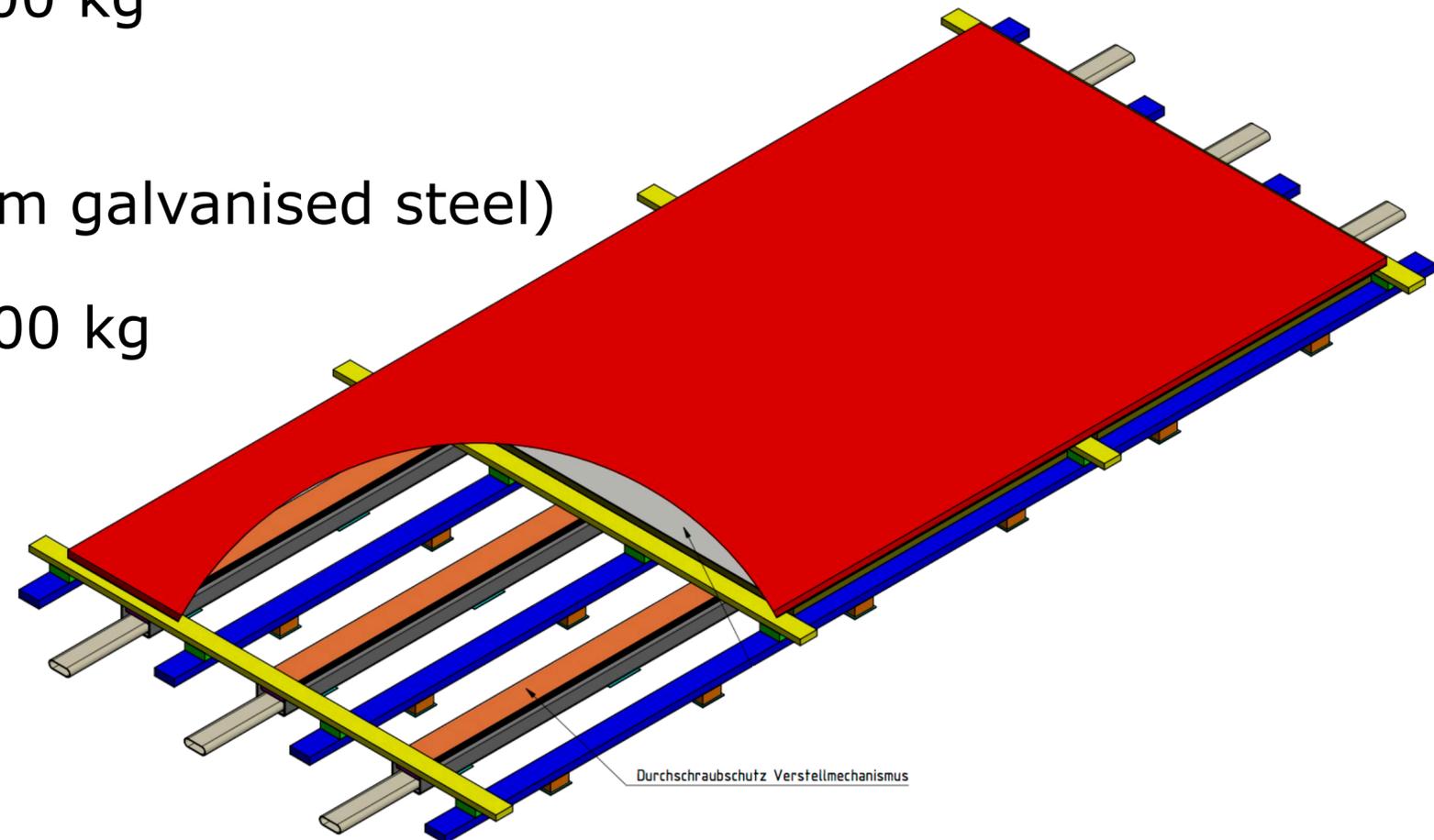
Shift in segments for greater flexibility

- EloTwin can be crafted in several segments.
- The invisible segments can be individually selected and switched.
- Heavy add-on elements, spectator stands and dancing space can therefore be distributed on the stage in a flexible way.
- The rapid changeover time also allows the stage to be transformed in full view:
a limousine carries the dancers onto the stage, the dancers alight, the car drives off, and the floor becomes a sprung floor



Technical details

- Minimum structure height above concrete floor: > 120 mm
- Point load capacity in the stage floor mode: > 500 kg
- Maximum screw depth: 20 mm
(optional screw-through protection made of 2 mm galvanised steel)
- Point load capacity as a sprung floor: typically 200 kg
- Maximum transient amplitude: ± 15 mm
- Changeover time: approx. 60 seconds
- Working pressure: 2 bar
- Supply connections required on site:
compressed air 6–10 bar, alternating voltage 110–240 V/AC



Company profile



Since its foundation in 1984, Bühnenbau Wertheim GmbH has established itself as one of the world's leading manufacturers of high-quality stage floors. The company employs around 38 highly specialised people who share a passion for perfection and the responsible processing of exclusive lumber. Our loyal base of clients includes many of Europe's most renowned venues.

Our innovations include heavy-duty Wertheim 3S panels, our multi-patented EloFlip offset flap, our gross density measurement process for sorting cover slats and acquiring building approval for stage floors, along with secure static calculations for load capacity. Of course, our production processes are sustainable and 100% carbon-neutral.

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