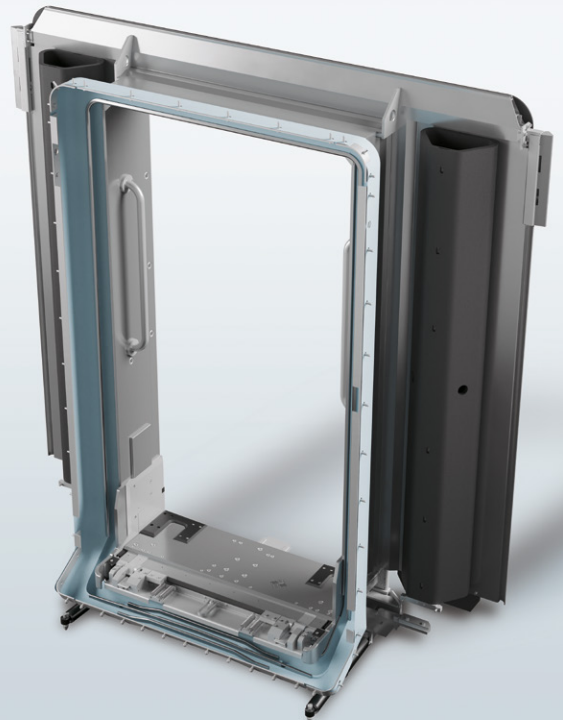
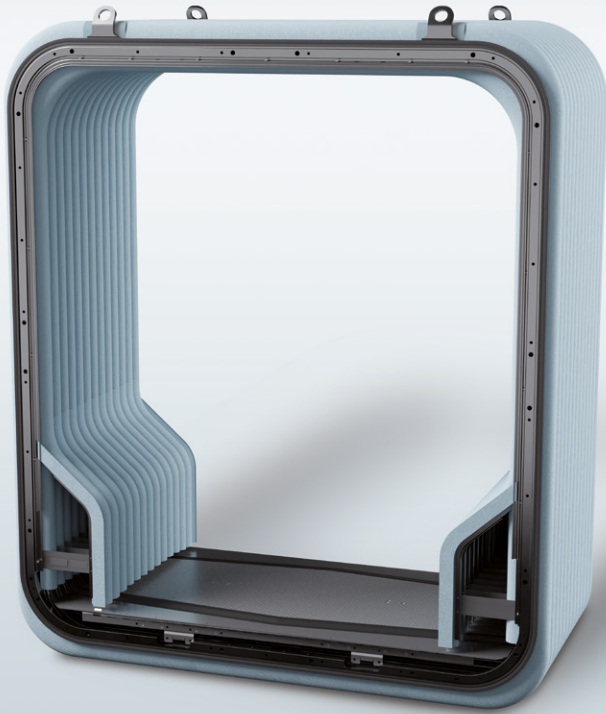




Gangway Systems & Components: **Mainline**

Regional Trains

Perfect fit

- Tailored engineering for seamless integration into the vehicle contour

Optimized design

- Minimizes material and weight requirements for the specific motion parameters

Outstanding acoustic insulation

- Provides a quiet and comfortable ride

Flexibility

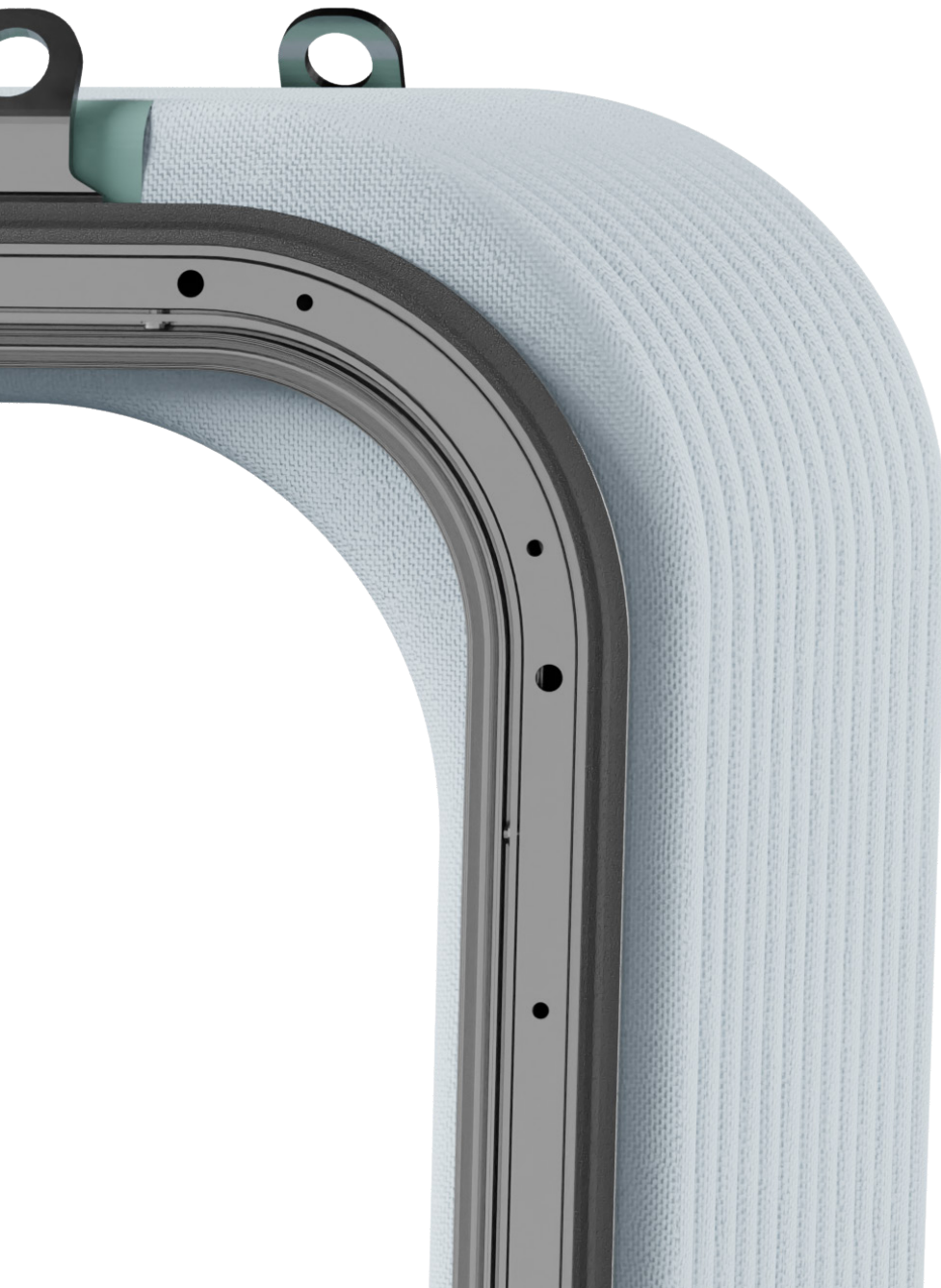
- Wide range of solutions for different regional train types and service areas

Easy maintenance

- Self-supporting bridge systems reduce maintenance requirements

Gangway Systems & Components: Regional Trains

- Maximum **safety and comfort between cars** in regional trains
- Manufacturing of **complete systems** including bellows and bridge systems
- **Adaption to individual requirements** of our customers
- All materials **meet applicable fire-safety standards** (e.g. EN 45545 HL1-HL3, NFPA 130, etc.) – other standards available upon request



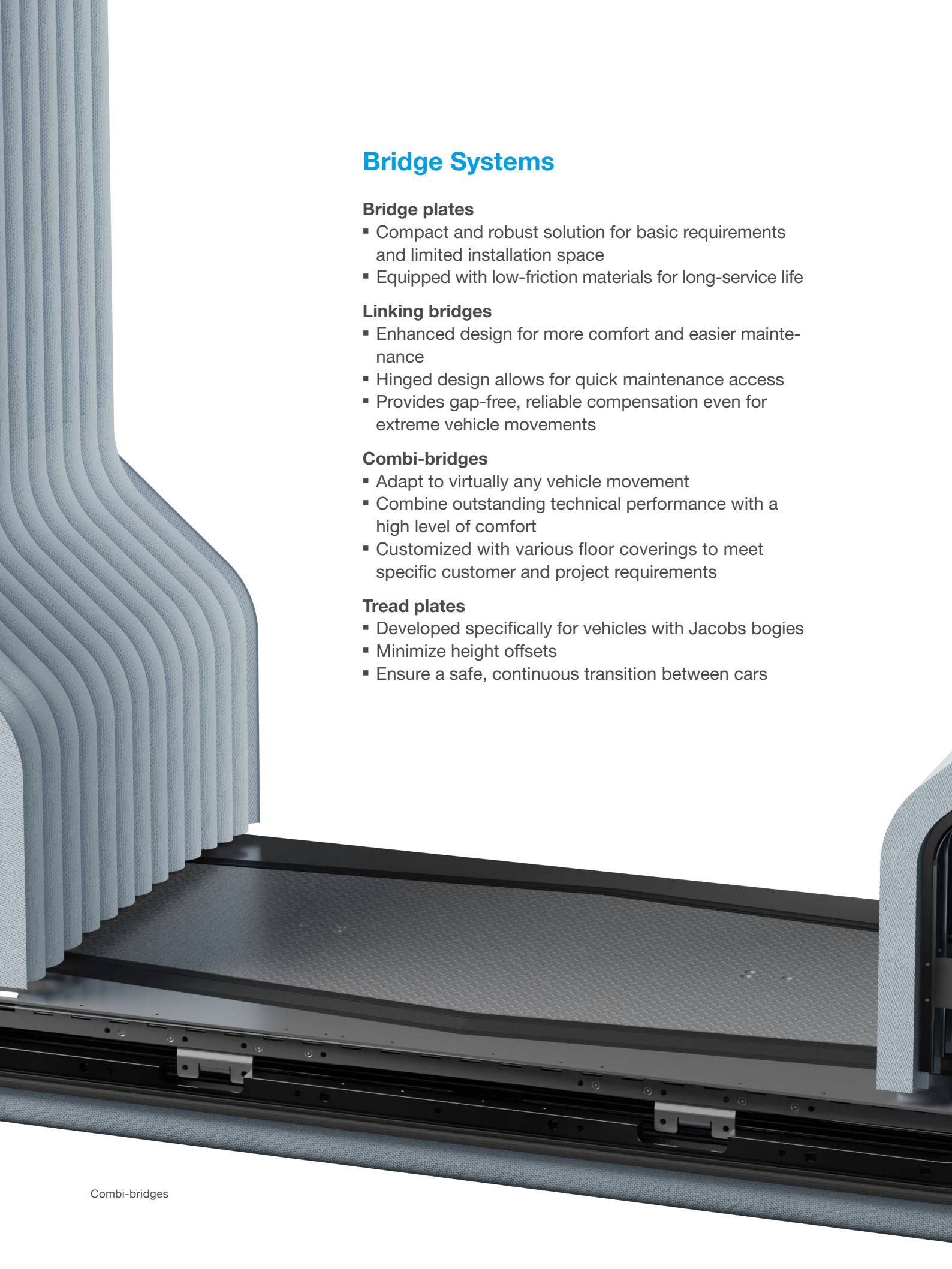
Corrugated Bellows

Single corrugated bellows

- Compact design, low weight, cost-efficient solution

Double corrugated bellows

- For more demanding requirements in acoustic and thermal insulation



Bridge Systems

Bridge plates

- Compact and robust solution for basic requirements and limited installation space
- Equipped with low-friction materials for long-service life

Linking bridges

- Enhanced design for more comfort and easier maintenance
- Hinged design allows for quick maintenance access
- Provides gap-free, reliable compensation even for extreme vehicle movements

Combi-bridges

- Adapt to virtually any vehicle movement
- Combine outstanding technical performance with a high level of comfort
- Customized with various floor coverings to meet specific customer and project requirements

Tread plates

- Developed specifically for vehicles with Jacobs bogies
- Minimize height offsets
- Ensure a safe, continuous transition between cars

Gangway Systems & Components: Passenger Coaches



Design options:

- From pressure-tight systems to simple rubber-diaphragm solutions

Compatibility:

- Suitable for standardized passenger coaches in accordance with UIC 561 and IRS 50561

Pressure-Tight Variants

Optimized protection

- Against pressure waves, noise, heat loss and dirt ingress

Simple functional principle

- Sliding plates provide reliable sealing and protection against pressure differentials

Easy coupling

- When coaches are coupled, the sliding plates automatically press together to create a secure seal

Gangway bridge

- Can be folded up, optionally height-adjustable, complies with Bern gauge requirements

