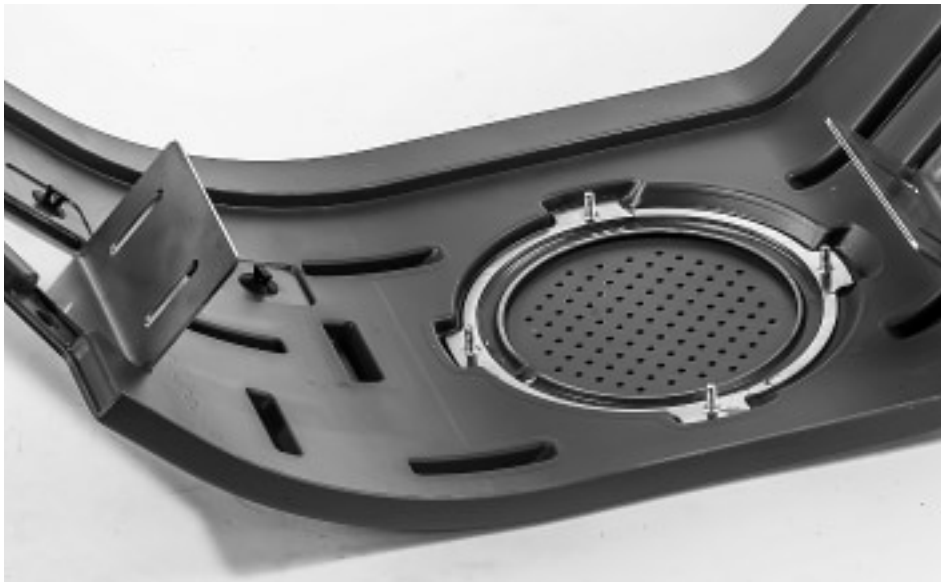

INNOVATIVE
SOLUTIONS FOR
RAIL TRANSPORTATION
Lightweight. Sustainable. Highly functional.
HOMBACH
We perform different









railway | HOMBACH
We perform different

YOUR CHALLENGES – OUR SOLUTIONS

SUSTAINABILITY:
Up to 100% recycled material can be used – even without a paint finish

WEIGHT ADVANTAGES:
Up to 60% lighter thanks to lightweight materials

INTEGRATION OPTIONS:
Functional components cast as a single piece instead of many individual parts

HIGH QUALITY & REPEATABILITY:
Reproducible results in series production

FAST IMPLEMENTATION:
Short development and tooling times until the finished component is ready

Certified | **ISO 9001**
EN17460
EN15085-2

System Supplier - Everything from a single source.

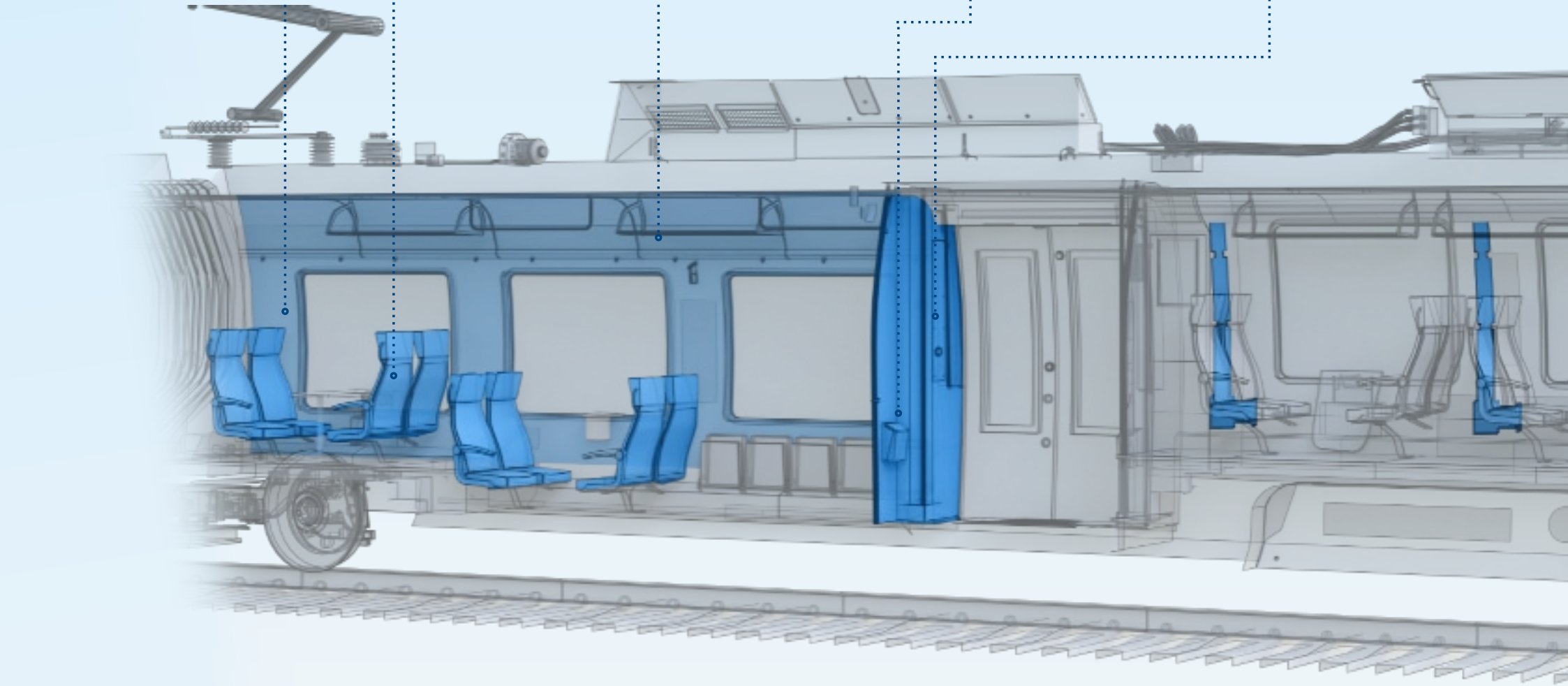
Window/ Side Panel Trim
High rigidity with low weight

Seat Back Shells
Cost-effective even in large quantities due to low weight

Ceiling Trim/ Ceiling Molding
Functional integration options/high vandal resistance

Vehicle transition trim
Complex assemblies & clever mix of technologies

Door sill/ base trim
Functional integration (e.g., air ducts)



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Air conditioning ducts/air guides

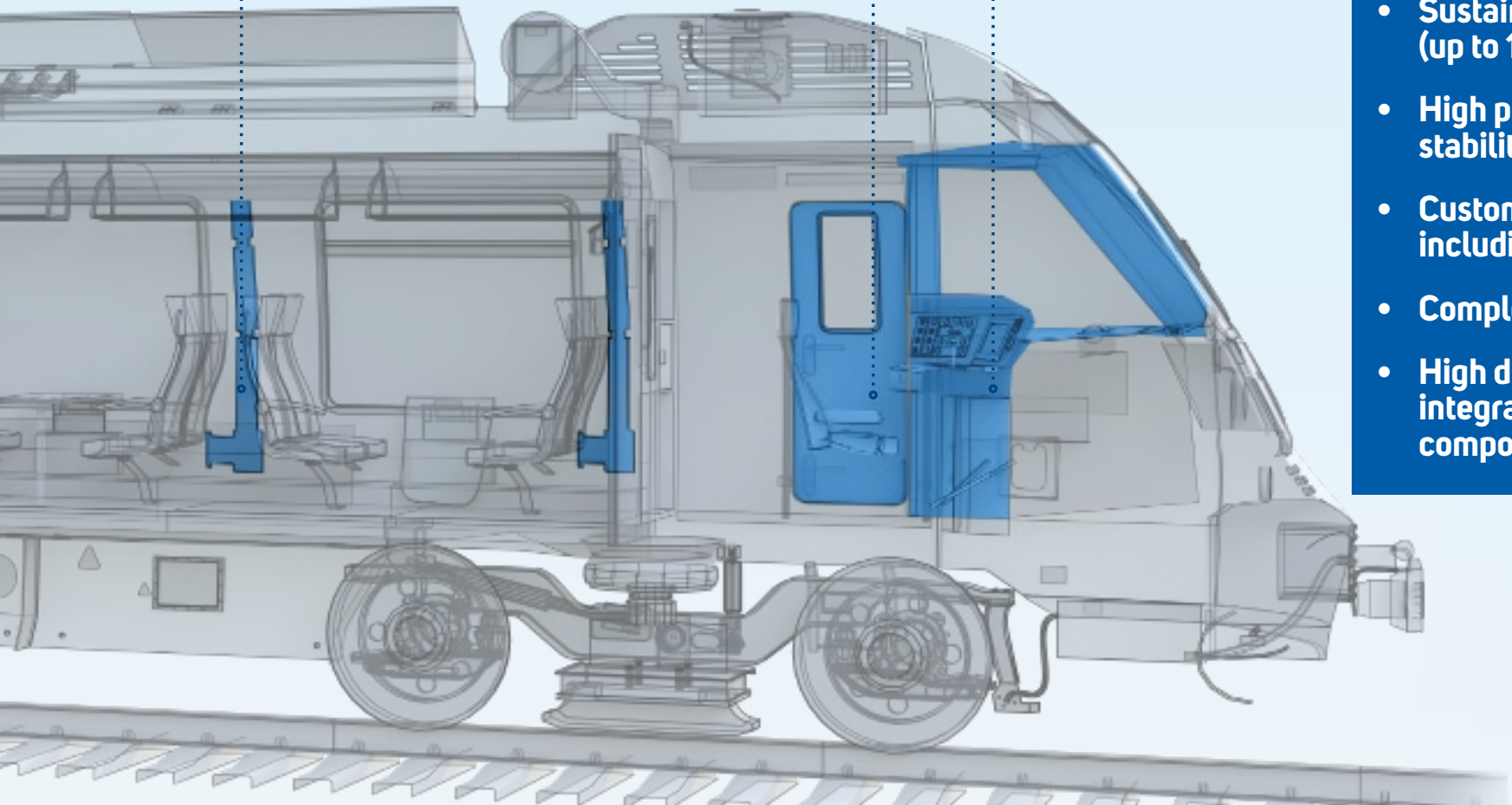
Complex geometries, can also be integrated into side walls

Door Interior Trim

Lightweight, durable, and cost-effective

Driver's Cab/ Dashboard Trim

Cost-effective even in small quantities



- **Large-volume components up to 3 m x 2,5 m in a single mold**
- **Fire protection up to EN45545 HL3 R1**
- **Sustainable materials (up to 100% recyclable)**
- **High precision & dimensional stability**
- **Custom color selection, including anti-graffiti finishes**
- **Complex 3D geometries**
- **High degree of functional integration directly into the components possible**

YOUR EXPECTATIONS. OUR SERVICE.

Development

Design
Engineering
Prototyping

Manufacturing

Thermoforming
Twin-Sheet
CNC Milling
Bonding/Joining

Our Advantages

Painting/Finishing
Assembly
Logistics
Partner Network

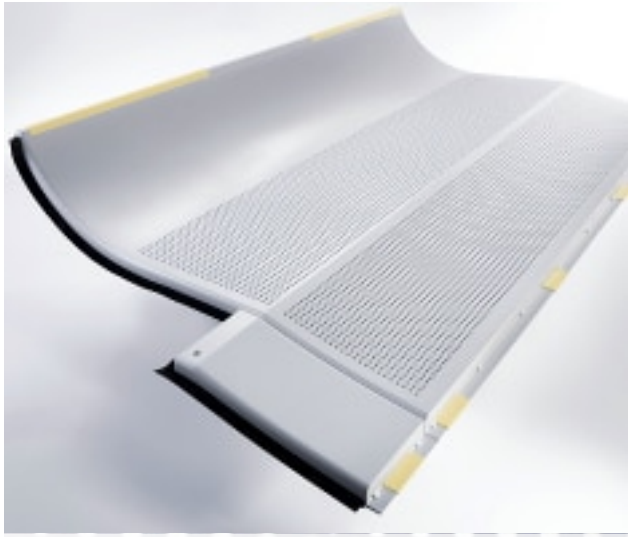
WHO WE ARE

Hombach Kunststofftechnik is a family-owned, medium-sized company with over 60 years of experience in plastics processing. Hombach specializes in the development and manufacture of innovative plastic components and assemblies, primarily using thermoforming and the company's proprietary Twin-Sheet process. Hombach has been providing the railway industry with functional trim and airflow management solutions for over 20 years. We provide our customers with design, development, prototyping, and mass production including assembly — ALL FROM A SINGLE SOURCE!



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OUR TECHNOLOGIES.
YOUR BENEFITS.



TWIN-SHEET FORMING

Hollow bodies and rigid sandwich components in a single process step

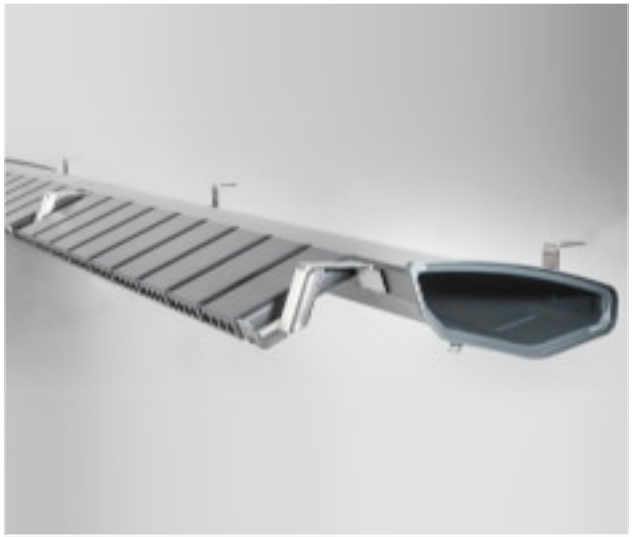




THERMOFORMING

Precision-molded parts for high-quality interior trim





AIR AND AIR CONDITIONING DUCTS

Lightweight, dimensionally stable air and HVAC ducts, even for complex geometries



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How to reach us

Ernst Hombach GmbH & Co. KG.
Veit-vom-Berg-Str. 24
D – 91486 Uehlfeld

Tel.: +49 9163 / 9983 – 0

info@hombach-kunststofftechnik.de

www.hombach-kunststofftechnik.de

We'll help move your project forward!