



INNOVATIVE SEATING SYSTEMS

Sitting Comfort and
Modularity for Regional Trains

Your GRAMMER
Distributor:

CAPITAL
seating

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GRAMMER Rail & Bus is the leading provider of seating systems for rail and buses. As a full-line supplier of passenger and driver seats for public transport services, we offer a full range of seats for high-distance, intercity, regional and city traffic. We supply individual solutions addressing all customer requirements and, with our products, set standards in comfort, ergonomics, design, modularity, safety and economic efficiency. Backed by ongoing research and a steady flow of new innovations, we provide seating comfort that feels good – both on the rail track and on the road.



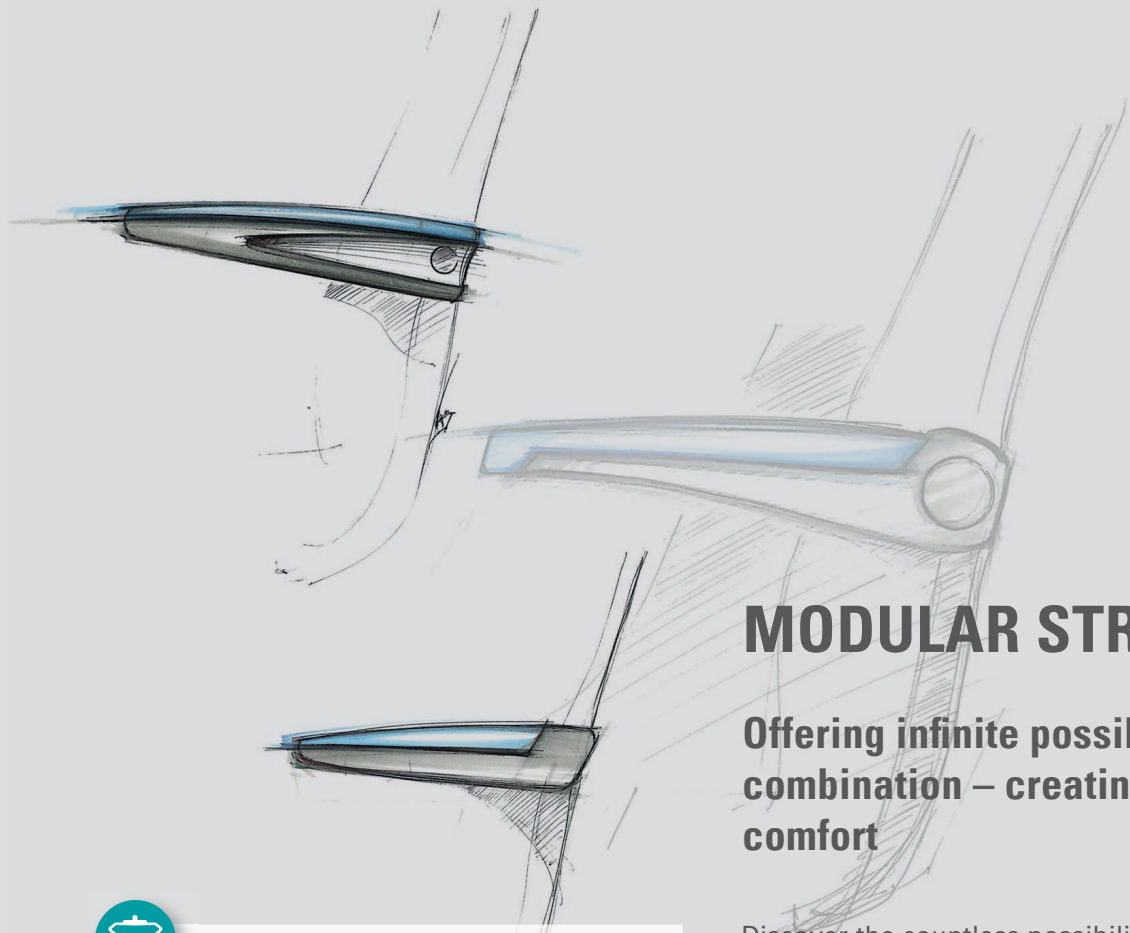
Second suspension



EN 45545



Pocket springs



MODULAR STRATEGY

Offering infinite possibilities for combination – creating limitless comfort



Second suspension

Second suspension optimizes the individual seating response. Individually adjustable hardness levels and different comfort zones offer optimum seating comfort.



Pocket springs

Pocket-spring upholstery adjusts much more effectively to the contour of the human body. It is more durable than conventional upholstery and offers better ventilation as the air can circulate through each individual spring, thus allowing moisture to dissipate efficiently.




The advantages of both systems can be combined to achieve maximum seat comfort.



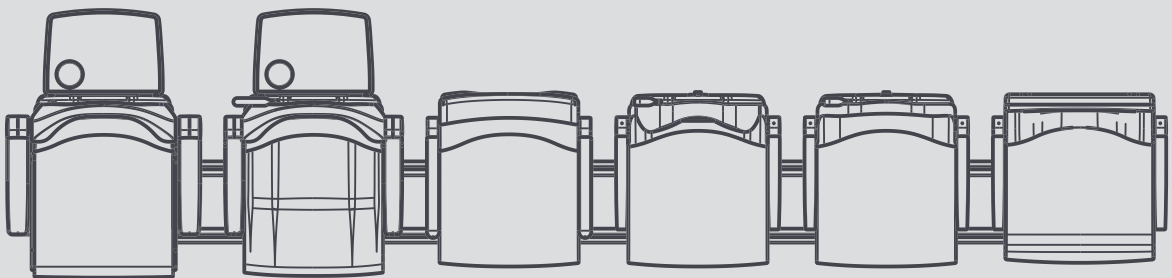
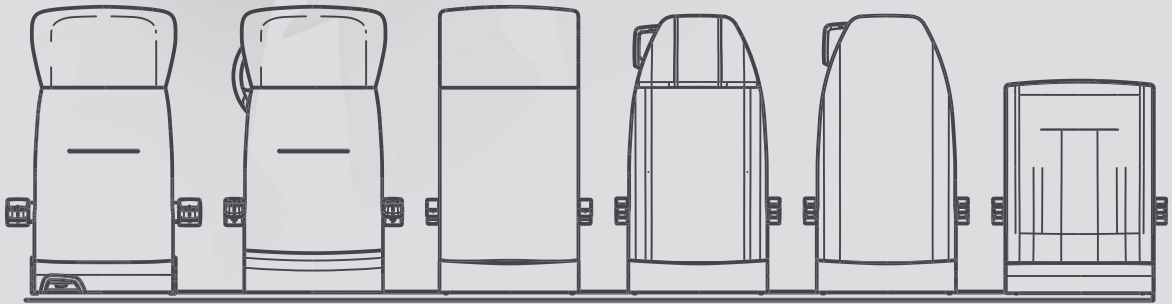
Discover the countless possibilities offered by our modular designs with their numerous comfort upgrades and downgrades.

Using as a basis our standardized seat structures and the customized modularity of the interfaces, you can add or replace carry-over parts such as armrests, footrests, tables, bases or pivots as you like.

As well as this, we offer you a large number ergo-mechanic features. In addition to the **GRAMMER ergomechanics®** inside  in all back adjustments, you can select from the following seat comfort upgrades:

- > Second suspension
- > Pocket springs

This gives rise to countless different combinations for your individually designed seat, removing all limits to comfort





R3000

Thinking in modular terms – experiencing limitless comfort

Our modular designs combine top functionality with extensive adjustability and a modern look.

For this reason, the underlying platform offers broad scope for accommodating your own specific requirements, giving you the perfect solution for intercity, regional, city and underground trains.

We always have the right seat for you!



Pocket springs



Second suspension



Ergomechanics®

FEATURES	R3000
Backrest versions	
One-piece standard cushion	●
Low, standard	●
Low, comfort	●
Seat cushion versions	●
Standard	●
Comfort	●
Standard for folding seat	●
Comfort for folding seat	●
Armrest versions	
Fixed, 40 mm, right, left	●
Foldable, 40 mm, right, left, middle	●
Backrest versions	
Standard cushion	●
Comfort cushion	●
One-piece comfort cushion	
Seat cushion versions	
Standard	●
Comfort	●
Standard for folding seat	●
Comfort for folding seat	●
Head cushion versions	
Standard	●
Rectangular	●
Comfort	●
V-shaped	●
Armrest versions	
Fixed, 40 mm, right, left	●
Foldable, 40 mm, right, left, middle	●

OTHER ACCESSOIRES	R3000
Folding seatback tray table	○
Comfort folding seatback tray table with HPL and drink holder	○
Grap handle, basic and U.K. versions	○
Magazine net	○
Ticket holder	○
Customer logo	○
Coat hook	○
Back-to-back installation	○
Reclining	○
Seat adjustment	○
Seat attachment	○
Seat foot with wall adapter	○
Attachment to seat box	○
Cantilever	○



IC3000

The All-Rounder

- This seat is designed to meet the strictest safety requirements, especially with regard to fire and crash protection. The structural components, backrest cover, and attachments optimally protect travelers in compliance with current standards in the U.K.
- The seat makes the most of available space. A range of armrests with different widths and surfaces provides flexibility for different seating configurations.



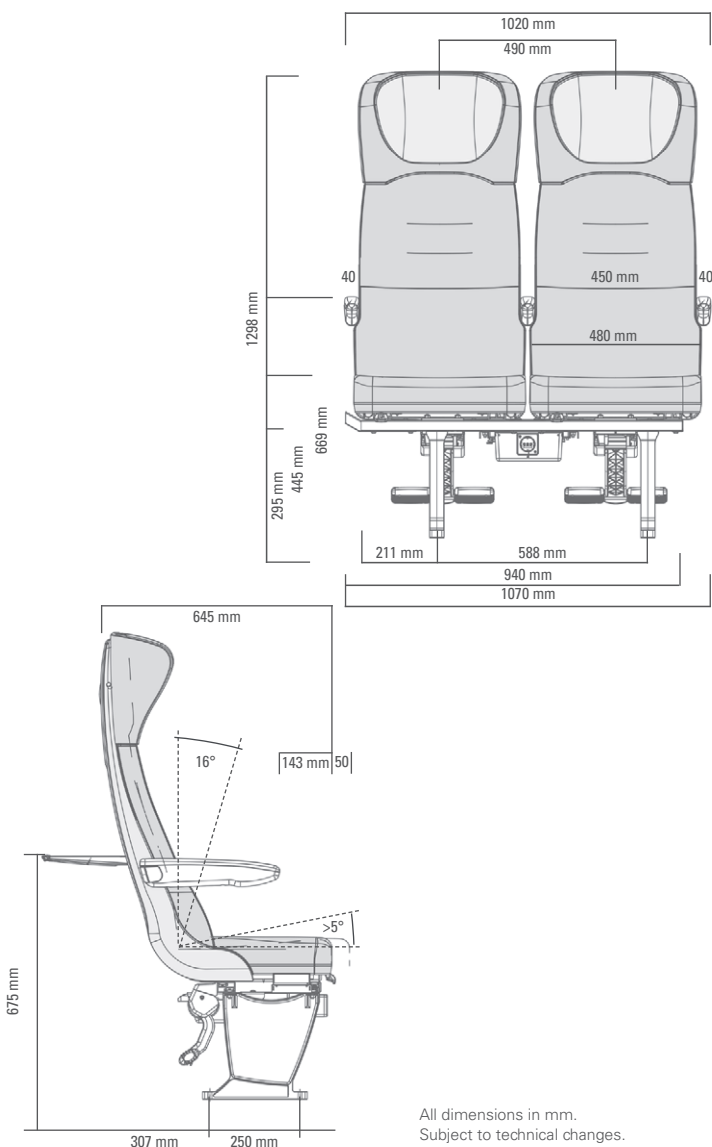
Pocket
springs



Second
suspension



Ergomechanics®



All dimensions in mm.
Subject to technical changes.

FEATURES	IC3000
Armrests (choice of fixed or folding)	
Wall side (40, 50, 60, 70 mm)	●
Aisle side (40, 50, 60, 70 mm)	●
Middle (40, 50, 60, 70 mm)	●
Head cushion	
Standard	●
Medium	○
Various fabric patterns and grades available	○
Leather	○
Pillow	
Standard	●
Comfort	○
Protective cover	○
OTHER ACCESSORIES	
Power socket	○
Folding table on back, comfort (laptop-friendly)	○
Folding table on back, standard	○
Cup holder	○
Ticket holder	○
Safety card holder	○
Waste basket	○
Seat numbering	○
Table between seats	○
Footrest	○
Seat attachment	
Seat foot with wall adapter	○
Attachment to seat box	○
Cantilever	○



C3000

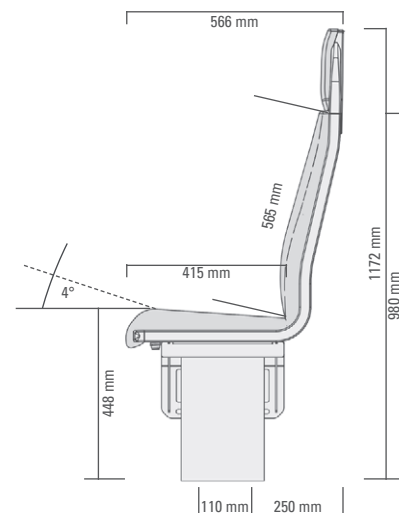
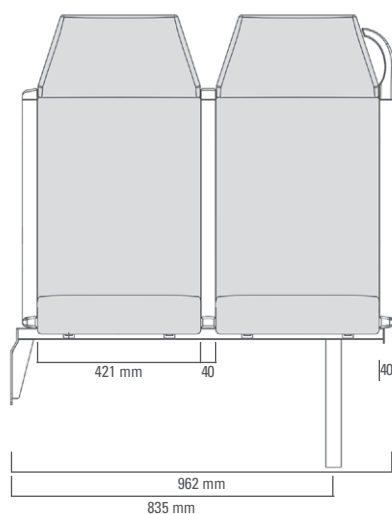
The Lightweight

- With its first-class workmanship and robust materials, the C3000 is ideal for shorter routes.
- The C3000 can be optionally equipped with protection against vandalism, also in combination with high-comfort cushions.
- The U.K. version of the C3000 complies with the strictest fire protection and crash requirements, in addition to other safety standards.
- A range of modular armrests ensures optimal use of available space in every installation situation.



Pocket springs

FEATURES	C3000
Armrests (choice of fixed or folding)	
Wall side (40 mm), resting or abutting	○
Aisle side (40 mm), resting or abutting	○
Middle (40 mm)	○
Middle (69 mm)	○
Seat attachment systems	
Seat foot with wall adapter	●
Cantilever	○
Attachment to seat box	○
Cushion	
Standard	●
Comfort	○
Vandalism protection	○
Cover (quick-changing)	●
Various fabric patterns and grades available	○
Leather	○
Protective cover	○
OTHER ACCESSORIES	
Standard folding table on back	○
Folding table with laptop holder	○
Grab handle	○



The product shown may differ from the standard configuration.



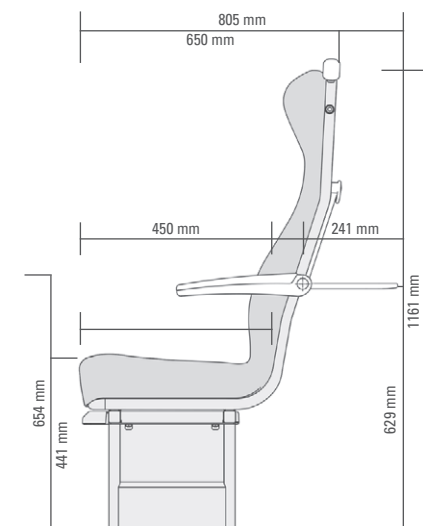
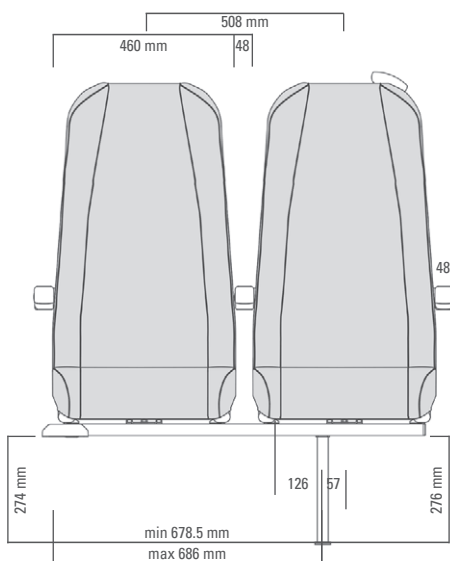
E3000

Safe and Robust on Local and Regional Routes

- A space-saving shape permits very dense seating in train without reducing comfort or restricting legroom.
- Designed to optimize crash safety.
- A comfort version features a larger backrest tilt angle and bigger cushions for a more comfortable ride.



Pocket springs



All dimensions in mm.
Subject to technical changes.

FEATURES	E3000
Armrests (choice of fixed or folding)	
Aisle side	○
Wall side	○
Middle	○
Cushion width	
Standard (440 mm)	●
Priority (450 mm)	○
Comfort (460 mm)	○
Cover (quick-changing)	●
Seat attachment	○
Seat foot with wall adapter	●
OTHER ACCESSORIES	
Anti-pickpocket function	○
Grab handle	○
Folding table	○
Priority sign	○
Seat numbering	○
Seat lock	○
Ticket holder	○



D3000

At Home on Short Routes

- Various seat attachment systems for flexible installation.
- High-quality hollow-tube frame for maximum strength and optimal surfaces.
- Made of aluminum to significantly reduce weight.



Pocket
springs

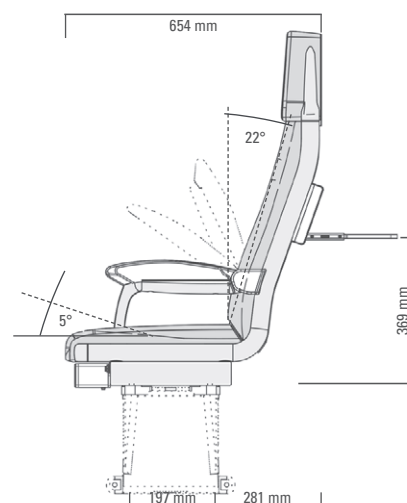
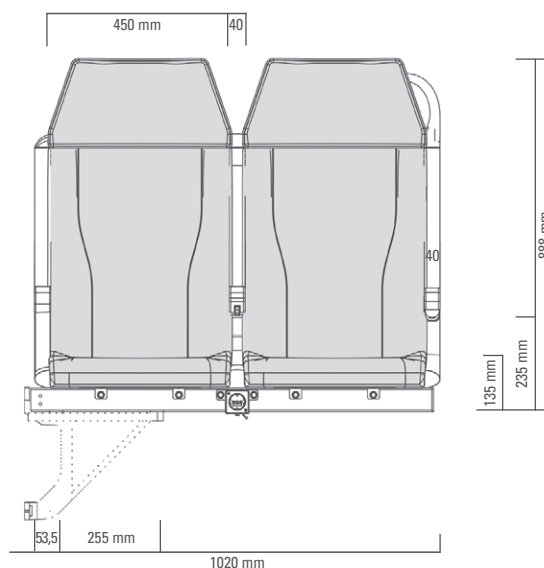


Second
suspension



Ergomechanics®

FEATURES	D3000
Armrests (choice of fixed or folding)	
Wall side (40 mm)	●
Aisle side (40 mm)	●
Middle (40 mm)	○
Seat attachment systems	
Seat foot with wall adapter	●
Cantilever	○
Attachment to seat box	○
Head cushion	
Standard	○
Comfort (V-shaped)	○
Cover (quick-changing)	●
Various fabric patterns and grades available	○
Leather	○
Pillow with protective cover	○
Seat adjustment ergomechanics® basic	○
OTHER ACCESSORIES	
Folding table on back	●
Grab handle	●
Audio module	●
Magazine net	●
Folding table with laptop holder	○



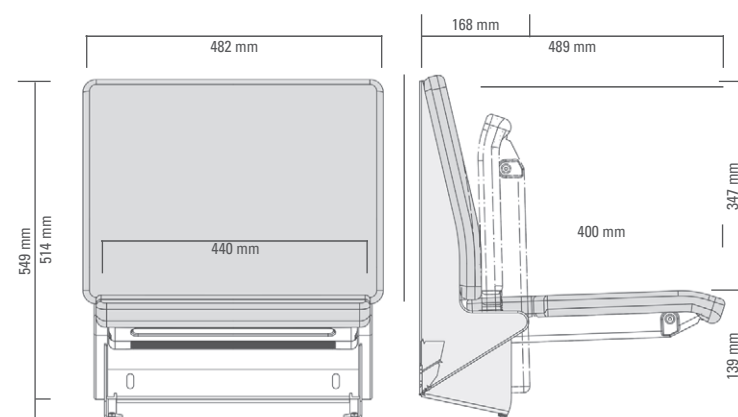
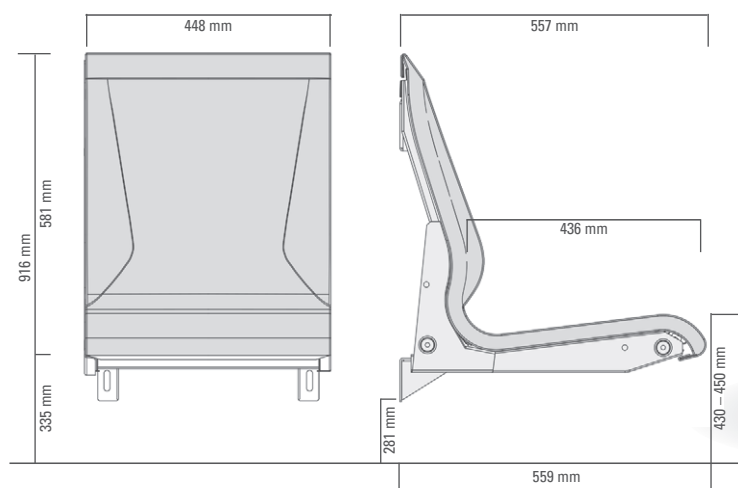
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SPECIAL SEATS

You can select your very own GRAMMER seat from our wide range of seating systems.

Our strenght is our ability to offer an individual solution for each segment. And this is something from which your own customers will also benefit.





Combining things right down to the smallest detail – creating an exclusive look

The perfect combination right down to the very last detail. You can select customized options when you configure your individual passenger seat.

Additional features provide even greater exclusiveness. Electronic components such as USB connections, power sockets or reading lamps as well as seat numbers and ticket holders offer additional scope for a unique look.

With these details you can give your seats a new dimension of perceived quality and presence that can be seen and felt.

Whether it is a particular color or exclusive materials, we fulfill your wishes.

