

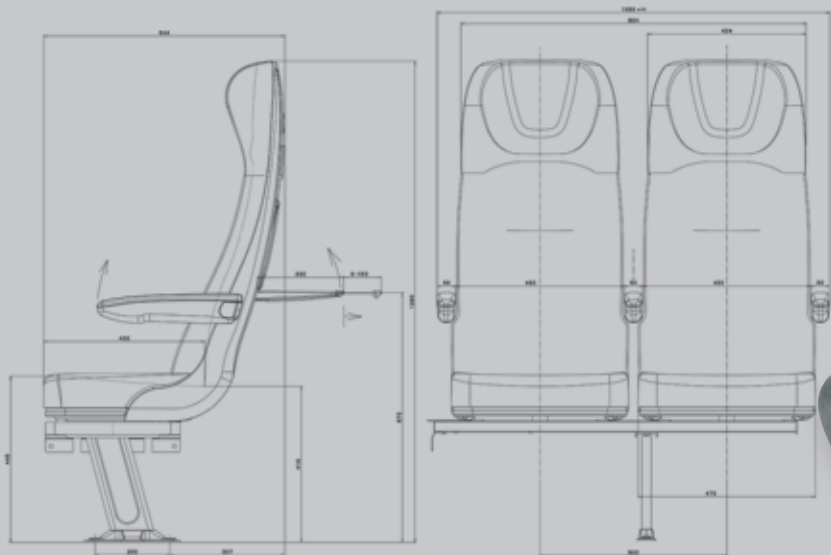
**INNOVATIVE SEATING SYSTEMS  
SITTING COMFORT  
AND MODULARITY FOR  
REGIONAL TRAINS**



**ENJOY DISTANCE**



**GRAMMER**



All dimensions in mm. Subject to technical and dimensional changes.

# IC3000 2ND CLASS

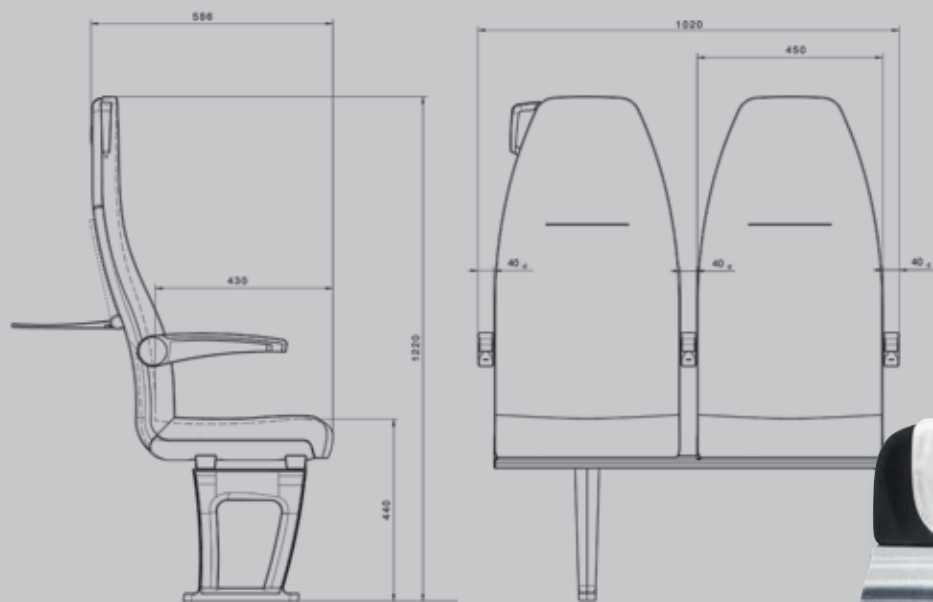
## The All-Rounder

### Outstanding Benefits

- The 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.
- Head cushions in different comfort levels are available, with a protective cover and standard, medium, or comfort pillow.
- The seat optimally utilizes available space. A range of armrests with different widths and surfaces provides flexibility for different seating configurations.
- 1st class features such as a power socket and a footrest are also available.

FEATURES	IC3000 2nd Class
<b>Armrests</b> (choice of fixed or folding)	
Wall side (40, 50, 60 mm)	●
Aisle side (40, 50, 60 mm)	●
Middle (40, 50, 60 mm)	●
<b>Seat attachment</b>	
Seat foot with wall adapter	●
<b>Head cushion</b>	
Standard	●
Medium	○
Comfort (V-shaped)	○
Cover (quick-changing)	●
Various fabric patterns and grades available	○
Leather	○
<b>Pillow</b>	
Standard	○
Comfort	○
Protective cover	○
<b>Other accessories</b>	
Power socket	○
Folding table on back, comfort (laptop-friendly)	○
Folding table on back, standard	○
Ashtray	○
Drink holder	○
Ticket holder	○
Safety card holder	○
Waste container	○
Seat numbering	○
Table	○
Footrest	○

● Standard ○ Optional



## R3000

### Seating Concept for Regional Trains

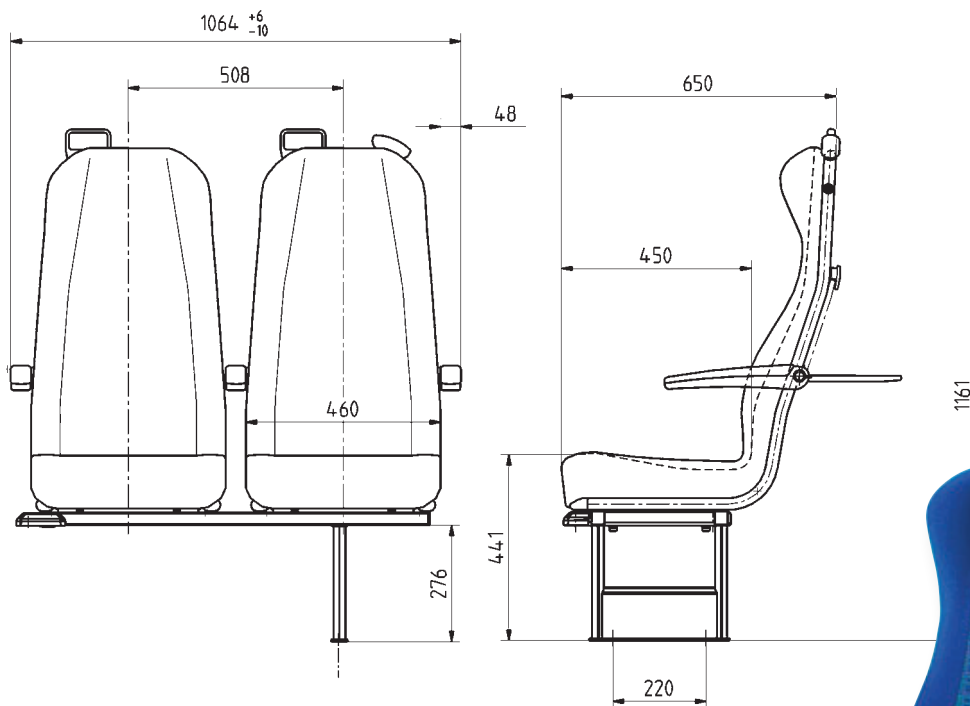
#### Outstanding Benefits

- Made using advanced materials, the seats of this new platform for regional trains feature modular, highly functional designs.
- Greater attention is paid to ergonomics than to purely visual design aspects. All product configurations meet the basic prerequisites for ensuring that passengers sit comfortably.
- A space-saving construction with internal structural elements permits easy retrofitting of components.
- A modular concept enables a wide range of seat configurations for a wide range of vehicles and installation requirements.
- An innovative construction and special materials considerably reduce seat weight.
- Developed for use in Western, Eastern, and Southern Europe, Scandinavia, and the Baltic countries. The versions with high seatbacks are designed to meet the most stringent safety requirements, in particular those relating to fire protection (GM/RT 2120 issue 2 (04/04), Cat. 1b, Cat.2, prEN 45545) and crash safety (GM/RT 2100 Issue 4) in the United Kingdom and Europe.



FEATURES	R3000
<b>Backrest versions</b>	
One-piece standard cushion	●
One-piece comfort cushion	●
Urban railway, low, standard	●
Urban railway, low, comfort	●
<b>Seat cushion versions</b>	
Standard	●
Comfort	●
Standard for folding seat	●
Comfort for folding seat	●
<b>Head cushion versions</b>	
Standard	●
Comfort	●
V-shaped	●
<b>Armrest versions</b>	
Fixed, 40 mm, right, left	●
Foldable 40 mm, right, left, middle	●
<b>Other accessories</b>	
Folding seatback tray table	●
Comfort folding seatback tray table with HPL and drink holder	●
Grab handle, basic and U.K. versions	●
Magazine net	●
Ticket holder	●
Customer logo	●
Coat hook	●
Back-to-back installation	●
<b>Seat attachment</b>	
Seat foot with wall adapter	●
Attachment to seat frame	●
Cantilever	○

● Standard ○ Optional



## E3000

### *Safe and Robust on Local and Regional Routes*

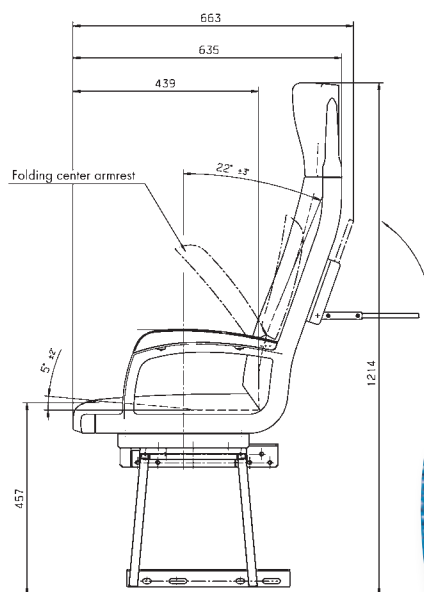
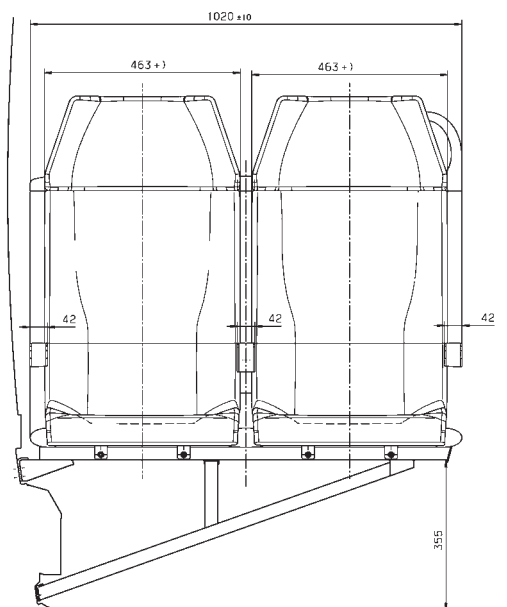
#### Outstanding Benefits

- A space-saving shape that permits very dense seating in train compartments without reducing comfort or restricting passengers' legroom.
- Made with lightweight steel.
- Designed to optimize crash safety.
- A comfort version features a larger backrest tilt angle and bigger cushions for a more comfortable ride.
- Designed to deliver maximum protection against vandalism.



FEATURES	E3000
<b>Armrests</b> (choice of fixed or folding)	
Aisle side	<input type="radio"/>
Wall side	<input type="radio"/>
Middle	<input type="radio"/>
<b>Cushion width</b>	
Standard (440 mm)	<input checked="" type="radio"/>
Priority (450 mm)	<input type="radio"/>
Comfort (460 mm)	<input type="radio"/>
<b>Cover</b> (quick-changing)	<input checked="" type="radio"/>
<b>Seat attachment</b>	<input type="radio"/>
Seat foot with wall adapter	<input checked="" type="radio"/>
<b>Other accessories</b>	
Anti-pickpocket function	<input type="radio"/>
Grab handle	<input type="radio"/>
Folding table	<input type="radio"/>
Priority sign	<input type="radio"/>
Seat numbering	<input type="radio"/>
Seat lock	<input type="radio"/>
Ticket holder	<input type="radio"/>

● Standard    ○ Optional



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## D3000

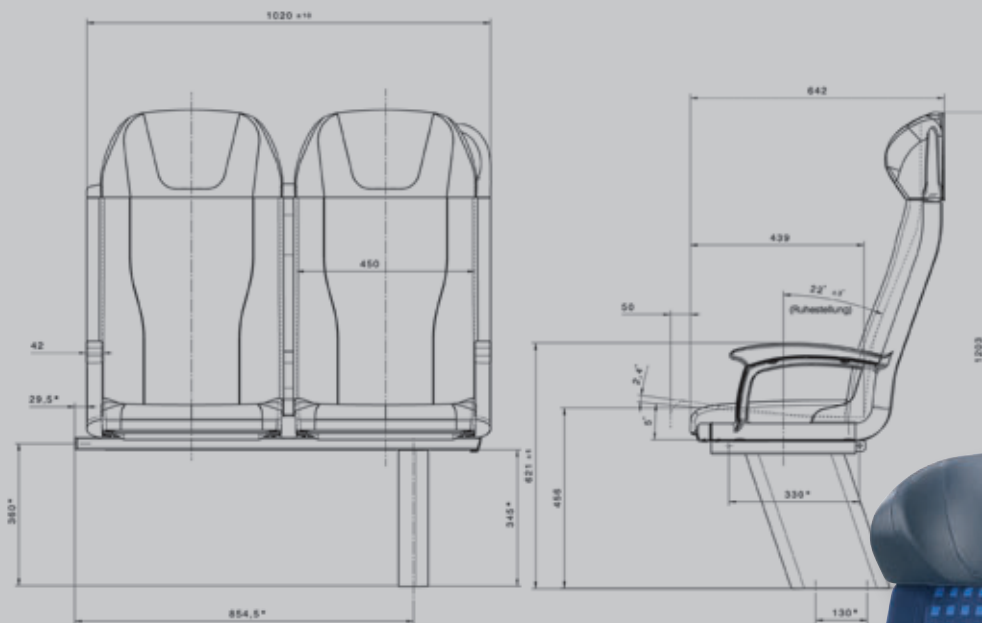
### *At Home on Short Routes*

#### Outstanding Benefits

- A modular system gives you a choice of different comfort versions and seat features.
- 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.

FEATURES	D3000
<b>Armrests</b> (choice of fixed or folding)	
Aisle side	●
Middle	○
Wall side	●
<b>Head cushion</b>	
Standard	●
Comfort	○
<b>Cover</b> (quick-changing)	●
Cover in leather	○
<b>Seat attachment</b>	
Seat foot with wall adapter	●
Cantilever	●
Connection to seat box	●
<b>Other accessories</b>	
Audio module	○
Grab handle	○
Folding table	○
Head cover	○
Magazine net	○
Folding table with laptop holder	○
Power socket	○

● Standard ○ Optional



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## D3000

### The Classic

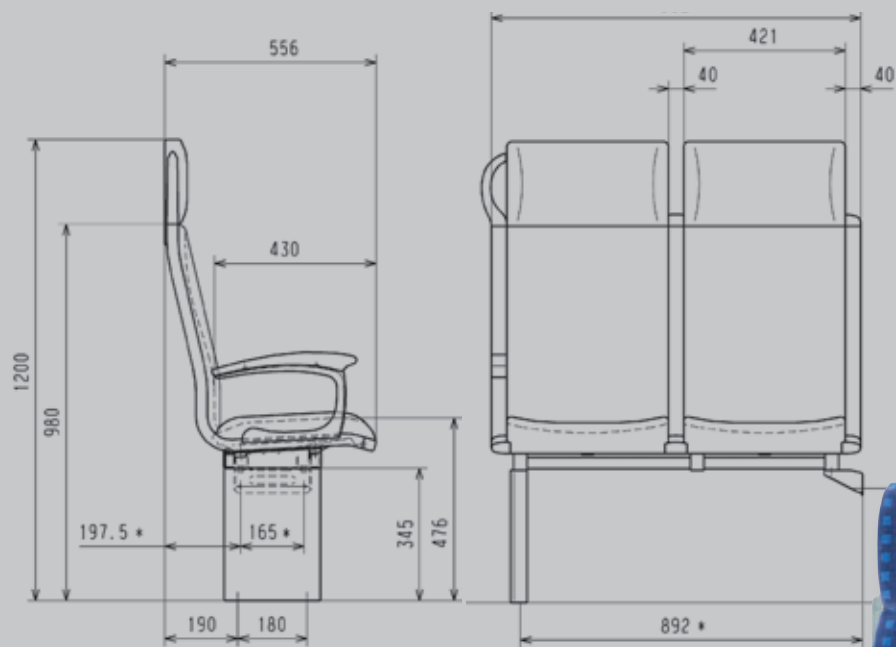
#### Outstanding Benefits

- The ergomechanics® backrest adjustment system optimally supports the spine in all sitting positions by appropriately adapting the seat back's contour.
- An innovative V-shaped headrest optimally cups the passenger's (one size fits all).
- Ergonomically designed cushion contours additionally support passenger's while relieving strain and making them feel more secure.
- The high-quality diecast spar construction of the D3000 makes it extremely robust and ensures excellent surfaces. The use of aluminium greatly reduces the seat's weight.
- Various seat attachment systems permit flexible installation: cantilever, floor attachment, or seat foot with wall adapter. Mounting on seat boxes is also possible.

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

● Standard ○ Optional

ergo mechanics®



All dimensions in mm. Subject to technical and dimensional changes.

## C3000

### The Lightweight

#### Outstanding Benefits

- 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, among other safety standards.
- A range of modular armrests ensures optimal use of available space in every installation situation.

FEATURES	C3000
<b>Armrests</b> (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)	○
<b>Seat attachment systems</b>	
Seat foot with wall adapter	●
Cantilever	○
Attachment to seat box	○
<b>Cushions</b>	
Standard	●
Comfort	○
Vandalism protection	○
Covers (quick-changing)	●
Various fabric patterns and grades available	○
Leather	○
Protective cover	○
<b>Other accessories</b>	
Standard folding table on back	○
Folding table with laptop holder	○
Grab handle	○

● Standard ○ Optional

**Seating systems that keep you fit:**  
**GRAMMER offers state-of-the-art**  
**products for vehicles ranging from**  
**tractors, construction machines,**  
**and forklift trucks all the way to**  
**trucks, buses, vans, and trains.**  
**Ergonomically designed, they set**  
**new standards of sitting comfort**  
**and operating convenience. Just ask**  
**us—we'll be happy to advise you.**



Choose the Original  
Choose Success!

GRAMMER Railway Interior GmbH  
conforms to the following:

**System Standards (3rd party assessed)**

- IRIS Rev 02:2009
- VDA 6.3
- DIN EN ISO 9001:2008
- DIN EN 15085
- DIN 6701-2
- ISO 14001:2004



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