



Atlantic Seat

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Atlantic is a new generation of lightweight rail seating developed by MonteMeão in collaboration with N+P Innovation Design. Conceived as a flexible platform rather than a single product, the family translates one coherent design language into two purpose-built variants: Atlantic U for urban mobility and Atlantic R for regional rail.

This modular, cross-platform coherence guarantees absolute consistency for transport operators while optimizing fleet adaptability without compromising structural integrity or visual identity.



Atlantic

Light Seat for medium and short distance

Atlantic U and Atlantic R share a common design DNA while responding to different mobility environments.

Atlantic U provides a lightweight solution for high-capacity urban transport, while Atlantic R offers greater comfort and functionality for longer regional journeys.

Shared design principles and components create a coherent family while allowing each variant to adapt to its operational context.

This lightweight engineering initiative directly improves vehicle energy efficiency and reduces operational impact, setting a new benchmark for eco-conscious railway manufacturing without sacrificing strength or passenger safety.



✓ Lightweight

Engineered to reduce overall vehicle mass, our lightweight seating architecture significantly improves energy efficiency, lowering operating costs and maximizing fleet efficiency over time.

✓ Sustainability & Reduced Carbon Footprint

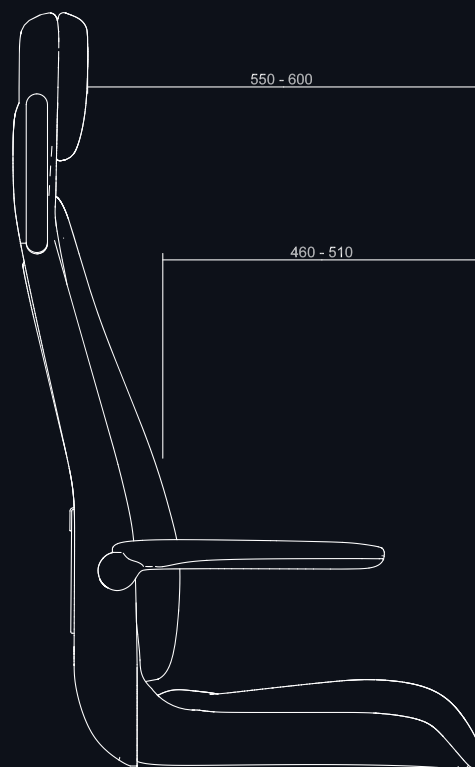
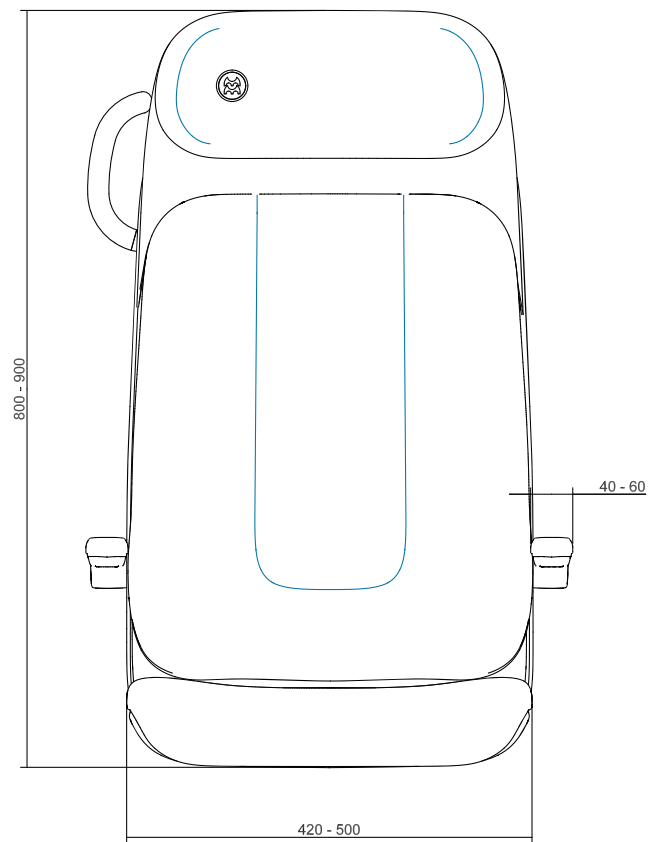
Incorporating advanced eco-friendly materials and lightweight design directly supports decarbonization goals, helping transit operators achieve ambitious environmental standards and lower lifetime emissions.

✓ Highly Configurable, Manufacturing-Optimized Design

Modular by design, our seat can be extensively customized and configured, from accessories and finishes to dimensions. Conceived for simple, low-investment industrialization, it relies on tools and tasks that we manage entirely in-house.

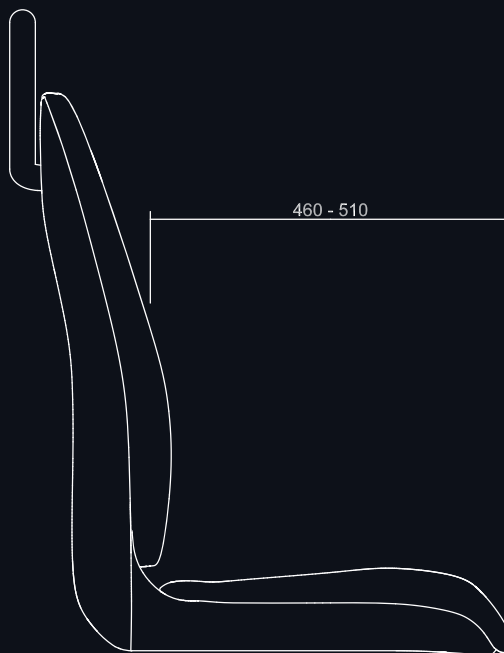
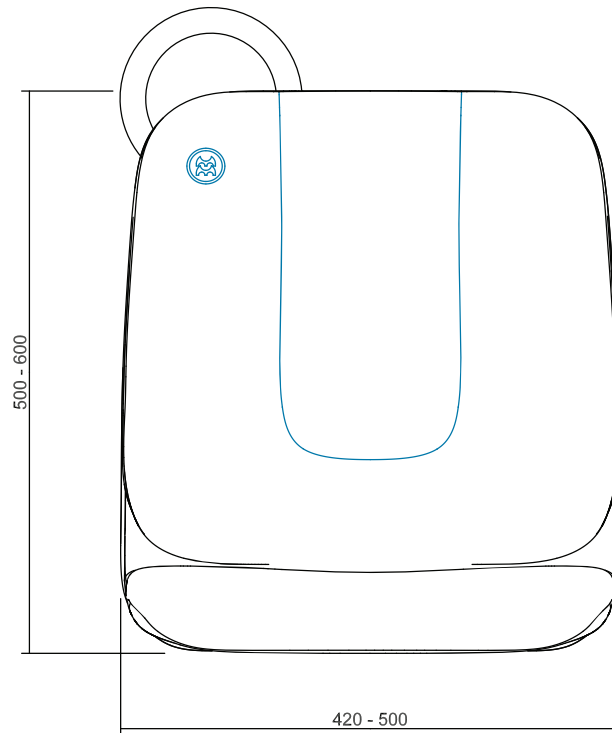
Seat Dimensions

Atlantic R



Seat Dimensions

Atlantic U



CMF Options & Aesthetic Versatility



Spatial Flexibility

The Atlantic platform adapts effortlessly across varied spatial configurations.

This structural flexibility lets the same seat base be deployed in diverse saloon layouts, ensuring optimized installation and operational consistency across the entire fleet.



Passenger Experience

Combining distinct CMF specifications with tailored seating layouts effectively segments the train interior into functional zones.

This spatial and tactile differentiation directly shapes passenger perception, delivering varied travel environments within the same rolling stock.



Visual Adaptability

Strategic variations in color, material, and surface treatments can completely transform the platform's aesthetic profile. By specifying targeted CMF combinations, operators can refresh interior visual standards while maintaining a single manufacturing baseline.

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