



## Lightness and modularity

LEAN is the railway passenger seat of the latest generation, available in any configuration required by the market to satisfy any 1st and 2nd class application from commuter to high-speed trains and is developed on the basis of the most modern design criteria in the sector such as:

- High modularity oriented to the platform concept
- Lightness
- Reduced life cycle costs and enhanced maintainability
- Aesthetical adaptation to customized design

The seat is available in **LEAN1** and **LEAN2** versions.







The **LEAN** seat introduces innovative concepts such as:

- Use of the same components for different configurations and general reduction of the number of components
- High reliability
- Satisfaction of the most stringent resistance criteria with an exceptionally low weight.

It is available in all the fixing configurations and with all the functions and accessories required by the market, and offers a **quick and simple disassembly concept** that allows to disassemble the padding and replace the covers in **just 4 minutes by unscrewing a single screw.** 





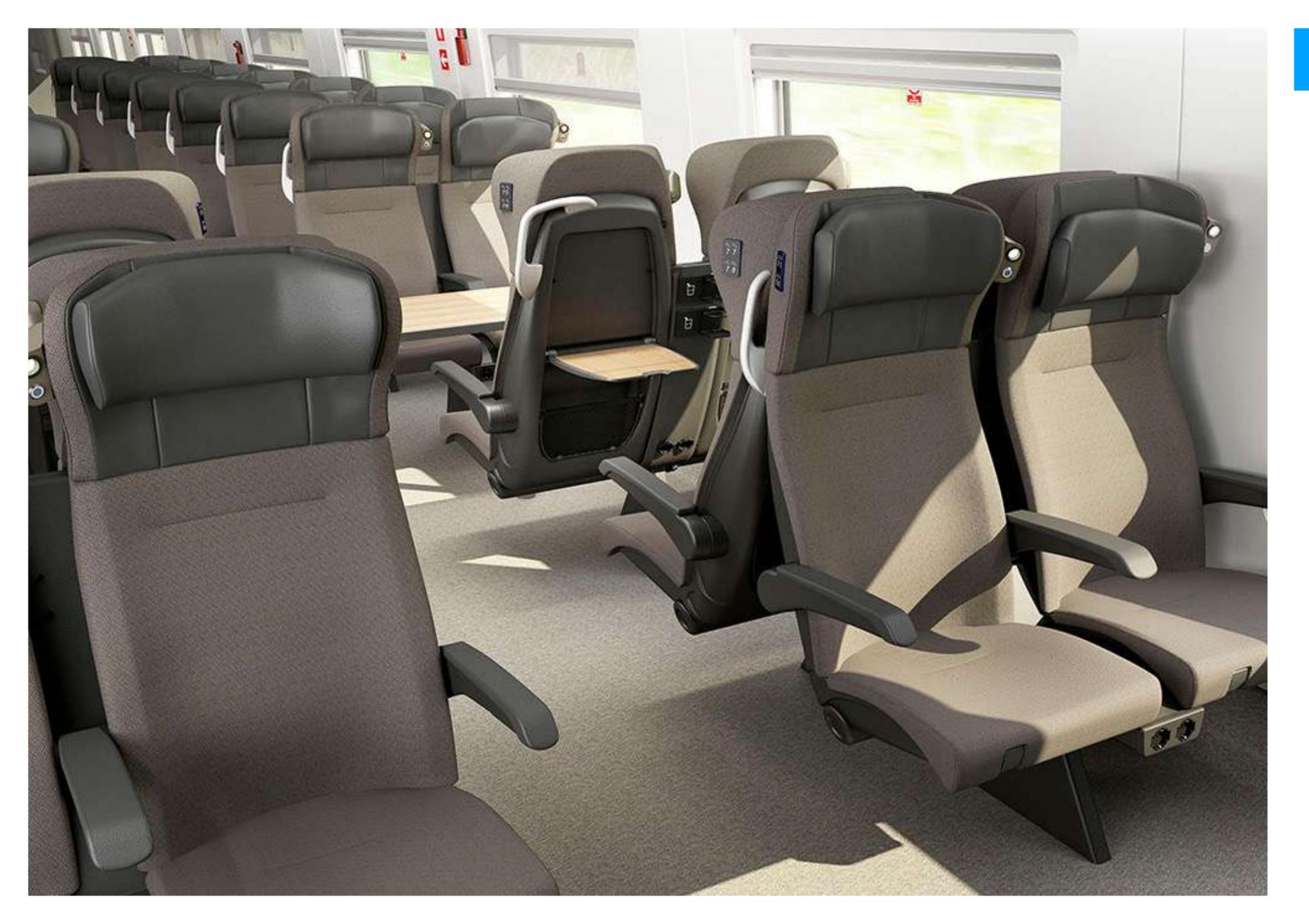
LEAN1 version is based on the innovative concept of the self-supporting iron shell welded on the support tube, that offers exceptional characteristics of mechanical resistance and dynamic behaviour and is available in any configuration required by the market to satisfy any 1st and 2nd class application, particularly from regional trains to high speed trains.























## LEAN seat is **compliant to the main mechanical resistance and fire performance standards** required by the international railway market as:

EN 16989
TSI Loc&Pas
UIC 566
UIC 567
AFNOR NF F 31-119
EN 12663

EN 45545

GM/RT 2100

GrulaSi







