

# HIGH SPEED AT INTERNATIONAL PASSENGERS' SERVICE



## AN EXCEPTIONAL EXPERIENCE.

The TGV Duplex with 2 levels has 509 seats and runs between Paris and Barcelona. The AVE S-100 has a capacity of 347 seats and runs between Barcelona-Lyon/Toulouse/Marseille, and Madrid-Marseilla.

**The seats** are designed to provide travelers comfortable spaces, first class seats are even broader and more legroom.

**The carriages** are equipped with power points to charge devices during traveling.

**The bar carriage** offers a menu with a wide range of products at a reasonable price for everyone.

**The carriages** are fully adapted for people with reduced mobility. Specially arranged spaces for wheelchairs and personal companion.

**Lighting devices\*** with travel information in real time to properly inform the traveler.

**Video screens\*** on all carriages that let you enjoy a screening of the movies. Various music programs are also offered.

\* Only for AVE S-100

## TECHNICAL SPECIFICATIONS

### EURODUPLEX



- The double-decker material can travel at 320 km/h
- A single train consists of 8 duplex carriages = 509 seats
  - 3 First Class/Preferente carriages = 181 seats
  - 4 Second Class/Turista carriages = 328 seats
  - 1 bar carriage
- 2 PRM seats for passengers with reduced mobility
- One power point for every 2 seats, and 1 for each individual seat in First Class/Preferente (on the Euroduplex: one power point per place)
- The Euroduplex will be equipped with a new Help System for Travelers (sound and visual announcements giving information at real-time during the tour)

#### EURODUPLEX

The Duplex Dasye will be replaced in 2014 by the latest generation of TGV DUPLEX: the EURODUPLEX. This new train will offer even more comfort to passengers.

### AVE S-100



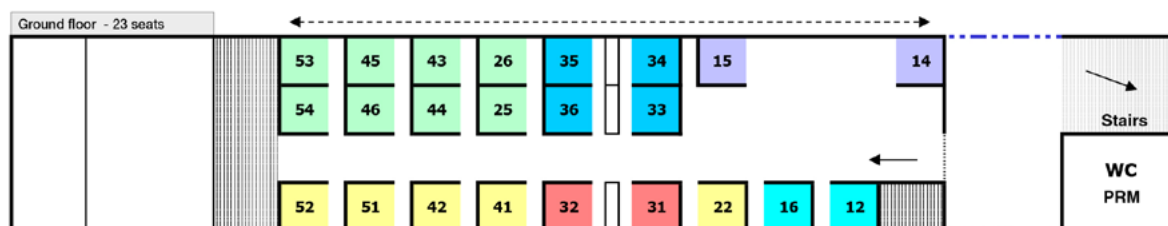
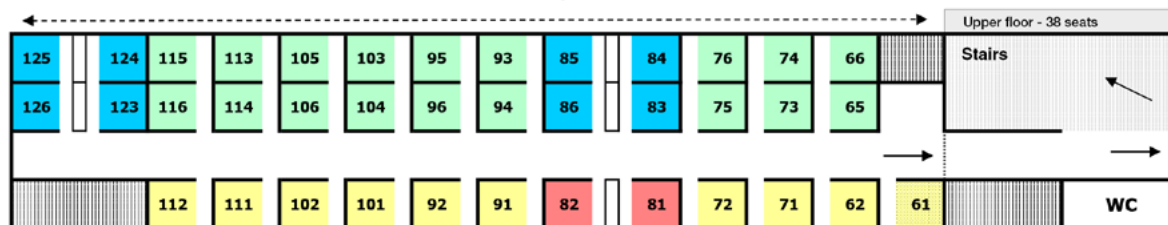
- The material can travel at 300 km/h
- A single train consists of 8 carriages = 347 seats
  - 2 First Class/Preferente carriages = 80 seats (including "Club Lounge")
  - 5 Second Class/Turista carriages = 267 seats
  - 1 bar carriage
- 2 PRM seats for persons with reduced mobility in Second Class/Turista
- Power point in First Class/Preferente and in Second Class/Turista
- Screens to show films and audio channel in the whole branch
- Help System for travelers (visual announcements giving information at real-time during the tour)

#### CLUB LOUNGE

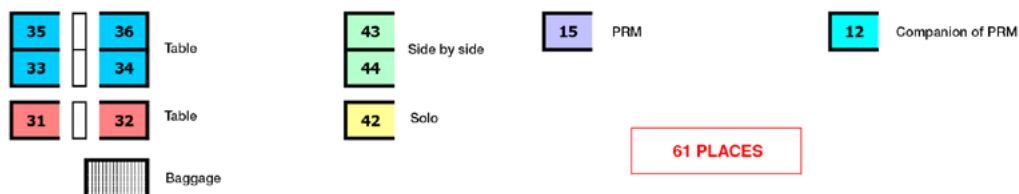
Space provided in First Class at the beginning of the carriage 1, isolated of the rest of the travelers. It consists in 8 seats arranged in a semicircle to facilitate workspace, with the possibility to connect computers in screens.

# CARRIAGES PATTERNS EURODUPLEX

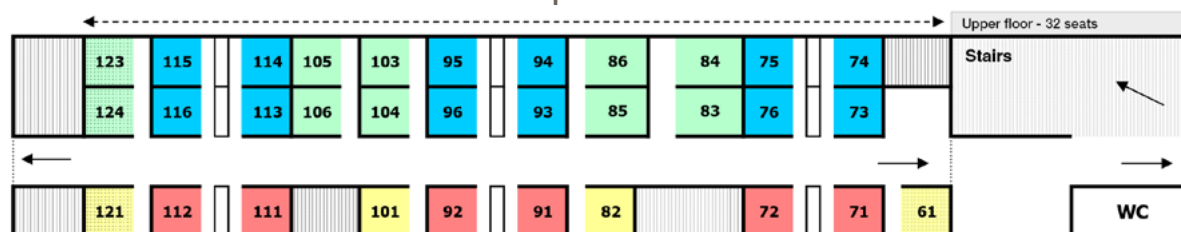
## CARRIAGE 1 - First Class / Preferente - 61 places



Legend:



## CARRIAGE 2 - First Class / Preferente - 60 places

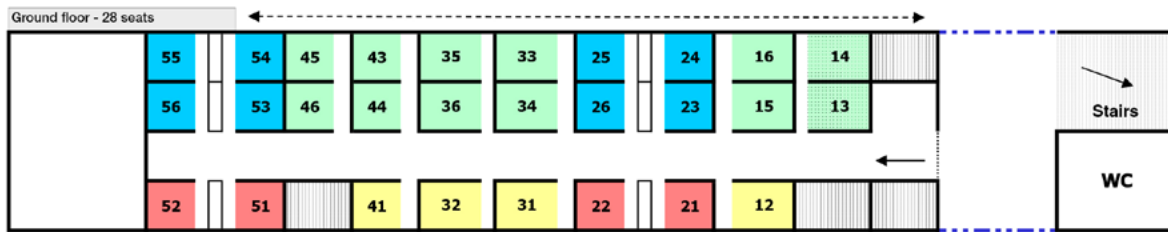
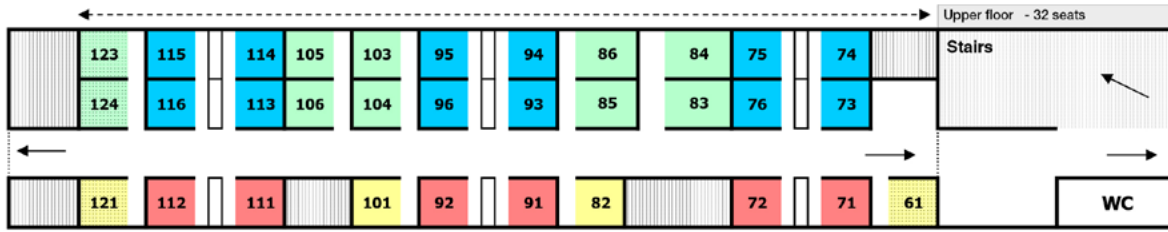


Legend:



# CARRIAGES PATTERNS EURODUPLEX

## CARRIAGE 3 - First Class / Preferente - 60 places

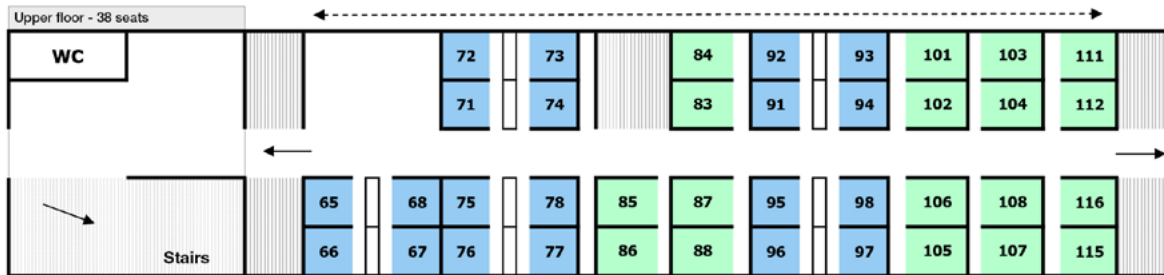


Legend:



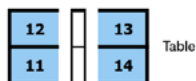
60 PLACES

## CARRIAGE 5 - Second Class / Turista - 76 places



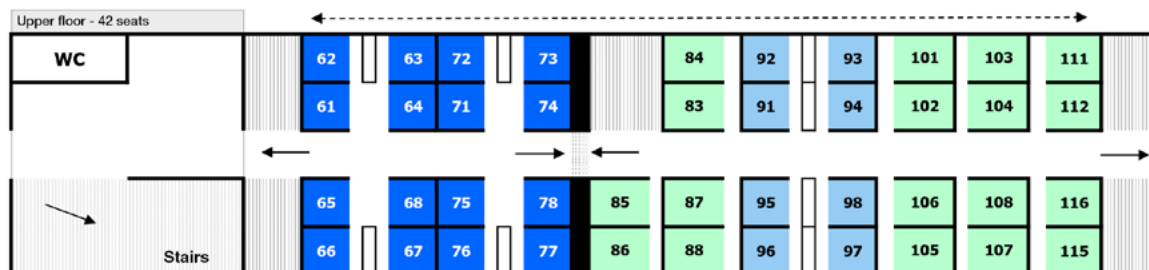
Legend:

76 PLACES



# CARRIAGES PATTERNS EURODUPLEX

## CARRIAGE 6-7 - Second Class / Turista - 80 places

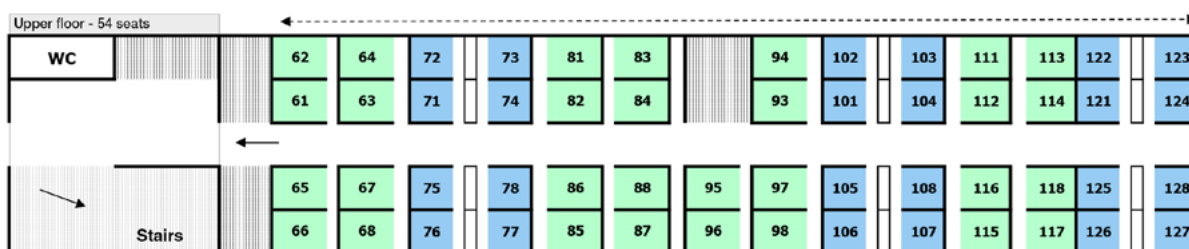


Legend:

80 PLACES

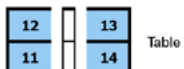


## CARRIAGE 8 - Second Class / Turista - 92 places



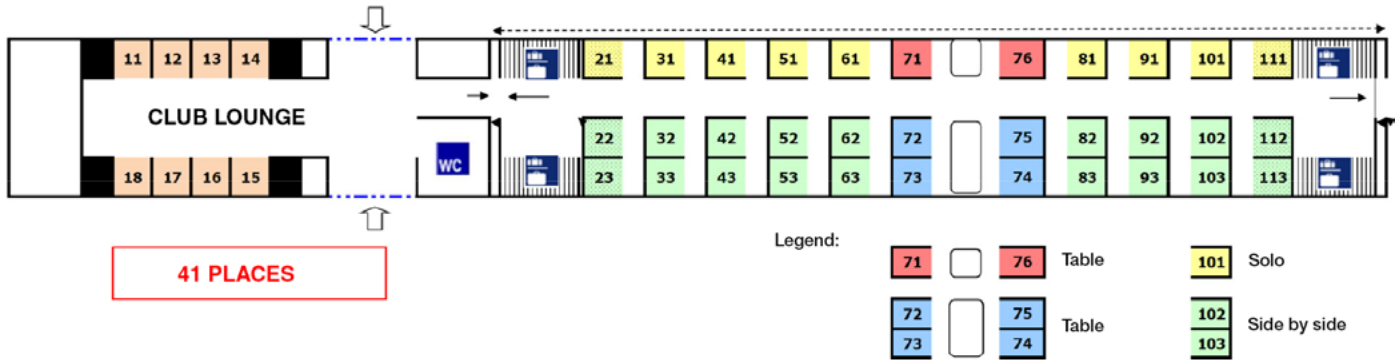
Legend:

92 PLACES

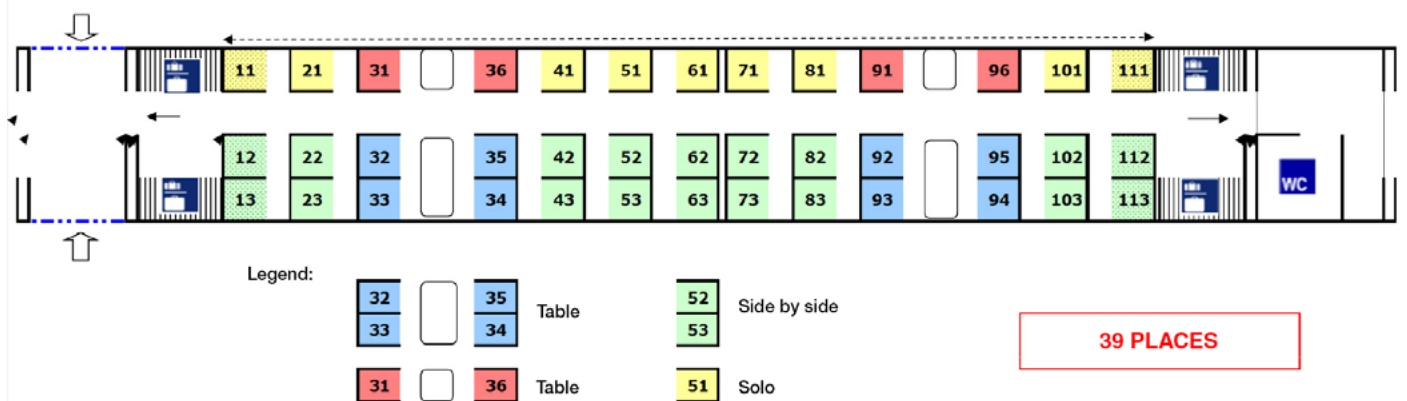


# CARRIAGES PATTERNS S-100

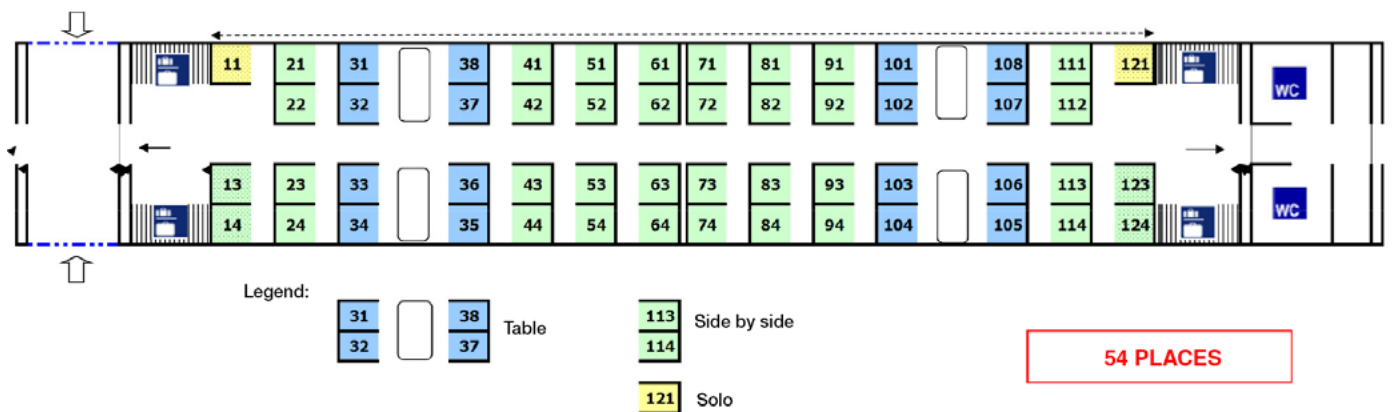
## CARRIAGE 1 - First Class / Preferente - 41 places



## CARRIAGE 2 - First Class / Preferente - 39 places



## CARRIAGE 3 - Second Class / Turista - 54 places

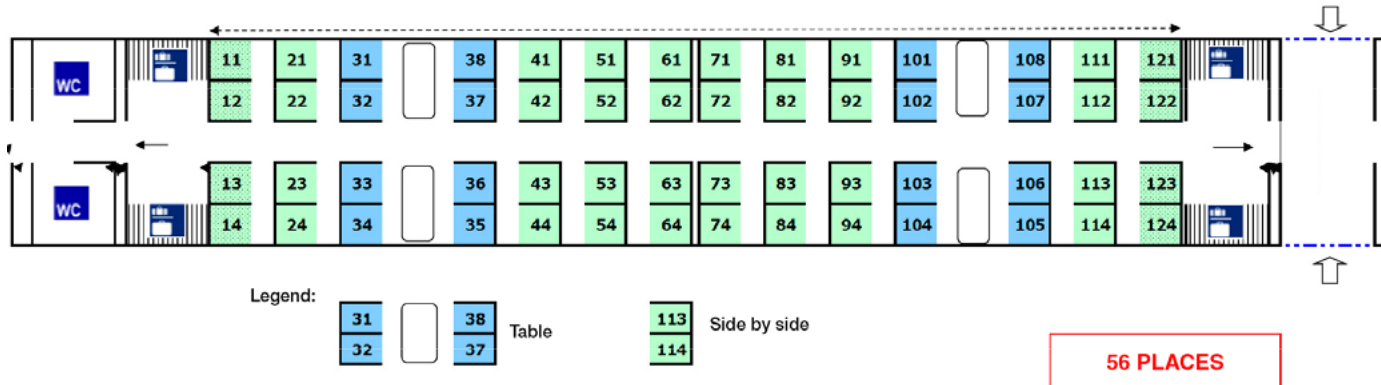




# CARRIAGES PATTERNS S-100

S-100

## CARRIAGE 5-6-7 - Second Class / Turista - 56 places



## CARRIAGE 8 - Second Class / Turista - 45 places

