



Pendolino Italo

Ruby red and with our characteristic golden hare, Italo's Pendolino EVO was presented in 2016. It is an evolution of the Pendolino range, a benchmark of high performance and reliability as well as of great elegance. Its futurist front end is designed to provide crash protection for the driver in the event of an impact, and improved aerodynamic performance. Another feature of the Pendolino is its drive system, the same that allowed the AGV 575 to set the new wheeled rail world speed record at 574.8 km/h on 3 April 2007.

The 12 new Pendolino trainsets will increase the size of Italo's fleet, from 25 to 37 trainsets. The first Pendolinos will start operation between December 2017 and March 2018, and integrate perfectly with the 25 AGVs currently in service.

The Pendolino trainsets will be assembled in Italy, at the Alstom production sites of Savigliano (near Cuneo), Sesto San Giovanni (near Milano), and Bologna and the Nola depot (near Napoli) will handle their maintenance for 30 years, as it already does for Italo's AGV trains.

The train is environmentally friendly, thanks to its high use of recyclable materials and has been designed to ensure reduced CO2 emissions. Its distributed drive system enhances efficiency and generates energy while braking. These trains can reach a maximum speed of 250 km/h, are 187 m long, composed of 7 cars and can accommodate around 480 passengers. The train features full compatibility with the very latest 2014 TSI[1] regulations set by the European Union.

For Italo, it is a great achievement to present these new trains, for the present and for the future. Thanks to these twelve new trains, in fact, the company will expand its network, increase the frequency of its services and always offer the best travel solutions to its passengers.

NTV's Pendolino EVO is part of Alstom's Avelia range of high-speed and very high-speed trains. The Avelia range is based on 4 current flagship products – Pendolino, Euroduplex, Liberty and AGV – representing the culmination of 35 years of expertise and over 1,050 trains in service around the world.