

ALSTOM IN ITALY

Deeply rooted in the Italian railway tradition, Alstom in Italy has been **manufacturing trains for 160 years**, traction systems for 60 years and signalling equipment for 90 years.

Today, with **8 sites** throughout Italy and **2,600 employees**, Alstom is a strong local employer recognised as one of the leaders on the Italian market.

Alstom in Italy can boast two centres of excellence in high-speed trains **Pendolino** based on **tilting technology** and in railway signalling equipment and traction systems.

Alstom has made considerable investments in its industrial base in Italy. Alstom's site in **Savigliano** (CN) is an example of **Factory 4.0**, with a cutting-edge 3D virtual reality room enabling our engineers to design trains for easier maintainability.



ALSTOM PRESENCE

Savigliano 🚂 🚆 ✂️

Centre of excellence for regional trains (over 350 trains sold) and Pendolino high-speed trains (500 trains sold worldwide).

Sesto San Giovanni ✂️ 🚂 🚆

Service centre and traction systems for high-speed trains, regional and suburban trains, tramway and metro.

Lecco 🚂

Development and manufacturing of railway components and power transmission for metro and tramway.

Bologna 🚂

Centre of excellence for trackside signalling and interlocking equipment.

Florence 🚂

Design and manufacturing of railway signalling systems.

Roma

Commercial office.

Guidonia 🚂

Design and installation of urban and mainline infrastructure and systems.

Bari 🚂

Research centre for railway signalling systems.

Nola ✂️

Maintenance centre for NTV fleet (25 AGV+12 Pendolino).

KEY FIGURES

2,600 employees

8 main sites

25 depots

2 centres of expertise

Sales 2016/17: **882** Million €
figure by origins

MAIN REFERENCES

TRAINS

- 25 high-speed AGV trains for NTV
- 100 Coradia Meridian trains for Trenitalia

COMPONENTS

- Traction systems for trams in Dublin (Ireland), Cuenca (Ecuador), Rio de Janeiro (Brazil), Tours and Strasbourg (France), Chennai (India), Nanjing (China), Los Teques (Venezuela)

SIGNALLING

- ERTMS level 2 for high-speed lines in Italy
- Integrated control centre for Bologna central station and signalling system for Passante di Bologna
- Integrated control centre for Roma node
- Renewal of signalling systems: West Denmark, Arad-Curtici line (Romania), Beni Suef-Asyut line (Egypt)
- Upgrade of Milano Centrale - Milano Smistamento - Monza - Chiasso line
- Renewal of signalling systems on Milan Metro Line 1 without service interruption
- OCC for metro lines 1, 2 and 3 of Milan metro

INFRASTRUCTURE

- Electrification of part of the Bologna-Florence and Treviglio-Brescia high-speed line
- ATM/Milan metro line M5 in project financing
- Florence tramway, lines 2 and 3 and new tramway system Desio-Seregno (MI)
- Infrastructure for metro line 12 of Mexico City and new metro line Caracas/Los Teques

SERVICE

- Fleet maintenance: Minuetto (Trenitalia); Coradia Meridian (Trenord); 30 years maintenance for Italo and Pendolino Italo (NTV)
- Trenitalia Z1 coaches renovation



MAJOR ACHIEVEMENTS

- Over **500 Pendolino** trains built in Italy and sold in 13 countries, including UK, Russia, Finland and China.
- More than **400** regional trains for public, private and regional operators.
- **ERTMS level 2** system for the **Italian high-speed lines**, the first in Europe to be equipped with the new interoperable standard.

KEY CUSTOMERS

- **Mainline** operators: Ferrovie dello Stato, Trenitalia, RFI, NTV-Nuovo Trasporto Viaggiatori
- **Regional** operators: GTT (Piedmont); Trenord (Lombardy)
- **Municipalities**: ATM (Milan), GTT (Turin)

