



Polarteknik Door Systems

References



Adtranz

- Gardemoen airport express train
 - 300 doors delivered
- B5 renovation
 - 110 doors delivered
- X2000 High Speed Train
 - 800 doors delivered



Alstom, Australia

- Alstom Xtrapolis Melbourne
 - 75 Fire partitions E30-I15 and door system
 - Deliveries 2024–2026
- Alstom Perth DMU
 - Deliveries 2024–2025



Alstom, France

- SM4 local trains operating in Finland
 - 120 doors delivered
- Regional trains operating in France, Switzerland, Algeria and Senegal
 - 2850 doors delivered 2011–2025
- Metro project in middle east
 - EW20 full glass partitions



Alstom, France

- NTV trains operating in Italy
 - 275 complete partition walls
 - Deliveries 2008–2011
- DSB Coradia Denmark
 - 10 door types per train, deliveries 2023–



Alstom, France

- Alstom Avelia
 - ETR675 Italy, 285 doors
 - TGV2020, 26 doors per trainset
 - ONCF Morocco, 260 doors
 - Proxima, 200 doors



Alstom, Germany

- The X40 train
 - Curved and standard doors for the double-decker train
 - 820 doors delivered
- The X60 Train
 - 230 pcs full E15 partitions
- Cologne tram
 - 124 gangway curtains (2023)



Alstom, Italy

- Pendolino SM3 trains operating in Finland
 - 450 doors delivered
- New Pendolino (SBB, PKP)
 - 830 doors delivered since 2014
- ETR675 in Italy
 - 285 doors delivered
 - Additional 4 trainsets in 2020



Alstom, Mexico

- Alstom Tren Maya
 - 16 different assemblies per train
 - Total 580 doors, 2023–2027
- Trenes del Norte
 - 260 doors, 2027–2028



Alstom, Spain

- Alstom Renfe CGC
 - 456 Cassettes with manual doors E15
 - Deliveries 2023–



Bombardier, France

- TER 2NG gangway doors
 - 490 doors delivered
- Omneo Normandy and CVDL
 - 1200 doors delivered by 2022
 - 170 doors in delivery 2023–



Bombardier, UK

- Electrostar train projects: Govia, Connex, C2C, Southern, others...
- Turbostar train projects: Scotrail, Chiltern, GoAhead, others...
- Over 10.000 doors delivered
- Aventra West midlands
 - 200 doors delivered in 2019–2020



Bombardier, UK

- Gautrain trains operating in South Africa
 - 150 doors delivered
- LERL trains
 - 1260 doors delivered 2010–2018

Various integrators and operators, new and refurbishments



- Curved, telescopic, 1-leaf, 2-leaf, electric manual
- 3 250 doors delivered



CAF, Spain

- Internal doors for Algeria, Turkey, ATPRD, TEMD/TDMD, NIR, Saudi, S-598, Cerdana, SAR, Caledonia, Transpennine, Norway Flytoget, Etihad, NSW Australia
- 4260 doors delivered by 2026



CAF, UK

- West midlands
- 160 doors delivered
- Wales and Borders
- 260 doors delivered
- LNER
- 410 doors 2025–2027



Hitachi, Japan/UK

- Class 395 operating in UK – 300 doors
- Dubai Palm island monorail
- IEP/TPE/Hull/WoE/ECML/FGOA/GCOA total 5120 of GW Fire, Saloon and vestibule doors in deliveries 2014–2027
- ASR 520pcs by 2018
- EMU TRA + NGRS
- 2430 doors, deliveries 2021–



Hitachi Rail Italy

- Zefiro V300 (Ansaldo Breda)
- 1 450 doors delivered by 2018
- ETR1000 ILSA
- 190 additional doors 2021–



MAV-Start, Hungary

- 450 gangway and saloon door mechanisms delivered by 2021
- Integration partner Jármű Zrt
- IC+ Phase 2 starting 2022



Rotem, Korea

- Internal doors for trains operating in Ireland
- 515 doors delivered in 2005–2010
- 80 additional doors in 2021



Siemens, Austria

- RIC sleeping car
- 800 doors delivered by 2014
- Nightjet/Railjet
- 420 doors delivered 2021–
- Vienna Metro UBX
- 90 partitions delivered by 2022
- Vectouro, 12 door types
- 540 doors, 2026–2029
- Mireo ICP, 5 door types
- 500 doors, 2027–



Siemens, Czech

- České dráhy CD50
- Body end doors delivered in 2020
- České dráhy CD182
- 710 doors to be delivered 2022–



Siemens ICE4, Germany

- ICE4 trains operating in Germany
- 220 Trainsets over 9000 doors delivered 2013–2022



Siemens, Germany

- Siemens CRH3 trains operating in China and Russia
- 1 900 doors delivered
- Desiro Scotland
- 480 doors delivered
- Desiro HC
- RRX 97 partitions delivered
- FST/Donau – 50 to be delivered



Siemens, USA

- Viarail Canada
- 190 doors in 2020–2021
- Virgin Trains USA
- 35 doors in 2020–2021
- Brightline Florida
- 40 doors in 2023–2024



Stadler, Belarus

- Metro Minsk
- 20 Driver cabin back partitions 2019–2020
- Flirt Slovenia
- 42 Saloon partitions 2021–

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References



Stadler, Czech

- Metro Minsk
 - EI45 driver cabin partitions 2019
 - 20 units in 2019
- ÖBB KISS DD
 - Part of a contract for 186 trains
 - Up to 1490 Gangway and saloon doors
 - Deliveries 2023–2033



Stadler, Poland

- Train operating in Estonia
 - 80 Light partition walls delivered 2013
- Train operating in Poland
 - 660 doors and partitions
 - Deliveries 2015, 2020, 2021
- KISS Slovenia – 40 doors in 2021
- RFI/ADIF Flirt EMU
 - 32 partition walls by 2023
- Confidential project with 470 doors



Stadler, Spain

- Stadler Renfe HC regional trains
 - Up to 920 gangway doors
 - Deliveries in 2023–2026



Stadler, Switzerland

- EC250 full partitions
 - 1185 Door deliveries starting 2016
- Wales and Borders
 - 70 Gangway cassettes 2020–2021
- BLS Switzerland – 25 cassettes and 150 doors 2019–2022
- MGB Orion EMU
 - 42 partitions in 2022–2026



Talgo, Spain

- High Speed Trains 350, 250, S112 serie
 - 1450 doors delivered
- Intercity, Serie 7, Trenhotel
 - 1150 doors delivered
 - 850 more doors delivered by 2025 (RU, KAZ, UZB)



Transtech, Finland

- ICS Double decker cars operating in Finland
 - 1900 doors delivered between 1997–2024

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