Kassel, GERMANY

Basic Information
Total area: 69,000 m²

With 200 years of history, the site at Kassel is the oldest factory under the Bombardier umbrella. It has produced more than 34,500 steam, diesel and electric locomotives to date. Its product portfolio covers heavy duty to high speed locomotives, and Kassel is the main production location for the TRAXX family, the modular locomotive platform. Key features of the site are its extremely high flexibility e.g. with regard to production processes and working time arrangements, and the entire production “under one roof”.

Competencies
- Pre and final assembly of locomotives
- Testing and commissioning
- Engineering for locomotives
- Homologation and warranty support

Main Products and Contracts over the last 10 years
- Electric freight locomotives TRAXX F140 AC for various European customers
- Electric passenger locomotives TRAXX P160 AC for Germany
- Electric freight locomotives TRAXX F140 MS for various European customers
- Diesel-electric passenger locomotives TRAXX P160 DE for Germany
- Power heads with maximum speed of 250 km/h and 350 km/h for Spain (in cooperation with Talgo Spain)
- ALP-46, ALP-46A and ALP-45 DP locomotives for North America
- IORE heavy haul locomotives for Sweden

Historical Milestones
1810 Formation of the plant by Georg Henschel
1848 Steam engine “Dragon” marks conversion to specialize as locomotive plant
1905 Start of production of electric locomotives
1925 Standardized steam engines for passenger and freight transport
1947 Breakthrough in the sector of high-power diesel locomotives
1971  World’s first Henschel-BBC DE 2500 diesel-electric locomotive incorporating three-phase power transmission

1985  Start of new era in rail transport with the delivery of first ICE (ET 401) prototype powerhead

2001  Lead site of Bombardier for the production of electric and diesel locomotives

2002  Delivery of first TRAXX cross-border locomotives Re 482 Switzerland-Germany to SBB Cargo

2003  Introduction of TRAXX trademark and TRAXX MS locomotive

2004  Delivery of 34,000th locomotive from Kassel

2006  Introduction of TRAXX DE and TRAXX DC locomotives

2007  Handover of 300th Class 185 to Deutsche Bahn

2008  Launch of dual-powered locomotive ALP-45 for North America

2009  Site achieved maximum production rate of 30 locomotives per month

Certifications

- Quality management system, certified according to DIN EN ISO 9001:2008
- Occupational Health & Safety Management, certified according to BS OHSAS 18001:2007
- Environmental management system, certified according to DIN EN ISO 14001:2009 and EMAS II
- Welding of railway vehicles and vehicle components, certified according to DIN EN 15085-2/ component classification CL1
- Fusion welding of metallic materials, certified according to DIN EN ISO 3834-2
- Deutsche Bahn AG Q1-supplier
- EBA-authorized for certification of conformity
- EBA-approved testing facility for railway related tests
- Adhesive bonding of railway vehicles and parts, certified according to DIN 6701-2
- Independent Safety Assessment Center Type C, certified according to DIN EN ISO/IEC 17020:2004
- Quality management System Approval for TRAXX 2 Family, Module SD (Sales and Distribution)/TSI (Technical specifications for interoperability) TRAXX
Address
Holländische Strasse 195
34127 Kassel, Germany
Tel: +49 561 801 02
http://www.transportation.bombardier.com

* Trademark(s) of Bombardier Inc. or its subsidiaries.