

Ballastless track systems of RHEDA type for railway applications

System	Project	Length [m]	Year
RHEDA 2000®	New Line between Erfurt – Halle / Leipzig – Section Schkeudiz (Germany)	2 x 500	2000
	New Connection between Erfurt-Halle / Leipzig – Section Großkugel (Germany)	2 x 3,000	2001
	Lehrter Bahnhof / New Berlin Main Station (Germany)	4 Turnouts	2002
	New Line between Las Palmas – Ourepesa (Spain)	2 x 430	2002
	Railway Project Prestbury Tunnel (Great Britain)	2 x 513	2003
	Railway Project Hibel Road Tunnel (Great Britain)	2 x 350	2003
	Railway Bridge Ul. Wielicka Krakow - Tarnow-Line (Poland)	2 x 18	2003
	Side Connection with the High Speed line Nuremberg – Ingolstadt, Section Fischbach/Feucht (Germany)	2 x 2,100	2003
	High Speed Line Amsterdam – Brussels (HSL Zuid / Netherlands)	2 x 80,000	2003-05
	High Speed Line Taipei – Kaohsiung (Taiwan)	88,000	2004-06
	High Speed Line Nuremberg – Ingolstadt (Germany)	2 x 36,000	2004-05
	Railway Project Esslingerberg Tunnel (Germany)	2 x 13	2004
	Railway Project North-South Link (Germany)	9,800	2004-05
	Railway Connection Rudoltice – Trebovice (Czech Republic)	2 x 444	2005
	Railway Project S-Bahn Tunnel Unterfoehring/Muenchen (Germany)	2 x 1,400	2005
	Railway Connection Eje Atlántico, different tunnel projects (Spain)	2 x 8,000	2006-07

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RHEDA 2000®	Railway Project Guadarrama Tunnel (Spain)	2 x 30,000	2006-07
	Railway Project Buschtunnel Aachen (Germany)	2 x 600	20007
	Railway Project Cologne, Muehlheim-Deutz (Germany)	2 X 300	2007
	High Speed Line Wuhan – Guangzhou, Pilot Track (China)	2 x 10,000	2007
	Railway Connection Udampur – Katra (India)	10,000	2007-08
	Railway Projekt Perpignan – Figueras (France/Spain)	2 x 4,500	2007-08
	High Speed Line Wuhan – Guangzhou, Passenger Dedicated Line (China)	2 x 980,000	2007-10
	High Speed Line Seoul – Busan, 2 nd Section (Kyungbu-Line, 2 nd stage), Korea	2 x 46,000	2008-09
RHEDA-BERLIN	High Speed Line Hanover – Berlin, Section Zoo-Berlin Main Station (Germany)	4 x 8,000	1995-97
	Upgraded Railway Connection Leipzig – Erfurt, Section Leislingen – Naumburg (Germany)	2 x 1,260	1997
	Railway Connection Erfurt – Leipzig / Halle, Section Schkeuditz (Germany)	2 x 13,000	1999-00
	High Speed Line Cologne – Frankfurt Airport, Lot B (Germany)	2 x 95,000	1999-02
RHEDA-Rathenow	High Speed Connection Berlin – Hanover, Section Rathenow (Germany)	4 x 800	1998

Asphalt-based ballastless track systems for railway applications

System	Project	Length [m]	Year
ATD	Railway Connection Wuerzburg – Frankfurt/M., Section Nantenbach Curve (Germany)	2 x 7,240	1993
	Railway Connection Halle/S – Gunthershausen, Section Gotha Leinakanal (Germany)	2 x 1,490	1994
	High Speed Connection Berlin – Hanover, Section Haemerten (Germany)	2 x 5,500	1996-97
	New Line between Las Palmas – Ourepesa (Spain)	2 x 435	2002
GETRAC® A1	Railway Connection Hanover – Berlin, Section Berlin-Westkreuz-Ruhleben (Germany)	2 x 3,515	1994-95
	New Line between Las Palmas – Ourepesa (Spain)	2 x 435	2002
	Lossetalbahn / Kassel (Germany)	650	2003
	Railway Project Wengi – Frutigen (Switzerland)	700	2004
GETRAC® A3	Railway Project Kehre Tunnel (Germany)	2 x 300	2001
	Railway Project Heiligenberg Tunnel (Germany)	2 x 1,300	2001-02
	Railway Project Esslingerberg-Tunnel / Treuchtlingen (Germany)	2 x 700	2004
	Railway Project Brandleite Tunnel / Railway Line Erfurt – Wuerzburg (Germany)	2 x 3,600	2005

Ballastless track systems of RHEDA typs for urban traffic applications

System	Project	Length [m]	Year
RHEDA CITY (installed flush with the street surface)	LRT Tracks in Dresden (Germany)	36,810	1998-07
	LRT Tracks in Berlin (Germany)	40,180	1998-07
	LRT Tracks in Hanover (Germany)	1,235	1999-02
	LRT Tracks in Braunschweig (Germany)	2,120	2000-01
	LRT Tracks in Bremen (Germany)	910	2001
	LRT Tracks in Cologne (Germany)	2,480	2001-07
	LRT Tracks in Duesseldorf (Germany)	1,454	2002
	LRT Tracks in Essen (Germany)	235	2002
	LRT Tracks „Binnenhafen Aken“ (Germany)	610	2002-03
	LRT Tracks in Ludwigshafen (Germany)	938	2002-04
	LRT Tracks in Mannheim (Germany)	4,368	2002-08
	LRT Tracks in Nuremberg (Germany)	13,671	2002-07
	LRT Tracks in Schriesheim (Germany)	235	2003
	LRT Tracks in Karlsruhe (Germany)	2,760	2003-06
	LRT Tracks in Magdeburg (Germany)	720	2004
	LRT Tracks in Mainz (Germany)	300	2004
	LRT Tracks in Nantes (France)	1,440	2004-05
	LRT Tracks in Heidelberg (Germany)	1,106	2004-06
	LRT Tracks in Chur (Switzerland)	1,295	2005-07
	LRT Tracks in Saarbruecken (Germany)	3,820	2005-07
	LRT Tracks in Schwerin (Germany)	148	2006
	LRT Tracks in Bucharest (Romania)	11,640	2006-07
	LRT Tracks in The Hague (The Netherlands)	2,335	2006-07
	LRT Tracks in Kassel (Germany)	560	2007
	LRT Tracks in Croydon (England)	62	2007

Ballastless track systems of RHEDA typs for urban traffic applications

System	Project	Length [m]	Year
RHEDA CITY (installed flush with the street surface)	LRT Tracks in Warsaw (Poland)	5,000	2007
RHEDA CITY "Green"	LRT Tracks in Cologne (Germany)	4,010	2001-02
	LRT Tracks in Karlsruhe (Germany)	7,870	2003-06
	LRT Tracks in Mannheim (Germany)	2,738	2005-08
	LRT Tracks in Berlin (Germany)	10,650	2004-06
	LRT Tracks in The Hague (The Netherlands)	1,135	2006-07
RHEDA MRT	Renewal of Track on the Berlin City Railways (Germany)	4 x 8,800	1996-97
	Project Underground Berlin / Line 2 (Germany)	195	2001
	Project Franz-Mett-Strasse in Berlin (Germany)	120	2002
	Project underground transit system Circle Line CCL (Singapore)	20,000	2004-08
	Project underground transit system Metro Madrid (Spain)	190	2005
	Seoul, Extension of the Metro line 3 (Korea)	2 x 3,000	2008-09

Asphalt-based ballastless track systems for urban traffic applications

System	Project	Length [m]	Year
ATD-G	LRT Tracks in Berlin (Germany)	22,639	1995-07
	LRT Tracks in Dresden (Germany)	1,400	1996
	LRT Tracks in Hanover (Germany)	5,400	1998-99
	LRT Tracks in Zwickau (Germany)	260	1999
	LRT Tracks in Cologne (Germany)	2,024	2002-03