






REFERENCE LIST / GLAS TRÖSCH AG RAIL



Train Manufacture	Train Identification from Manufacture	Operator / Owner	Train Identification from Operator	Homologation Standard	Impact Speed (Test projectile)	Country of operation	Continent	Year of the first delivery	Other information	Photo
	Urbos III	 Metro Belgrad	1500	Norm: UIC 651	240 km/h	Serbia	EUROPA	2010	Front windscreen with wire heating system	
	Abe 4/8	 BDWM Transport AG	Line S17	Norm: UIC 651	240 km/h	Switzerland	EUROPA	2009	Front windscreen with wire heating system	
	Tram Train	Aarhus Denmark	--	Norm: UIC 651	200 km/h	Denmark	EUROPA	2015	Front windscreen with film heating system	
	Tram Tango	 Baselland Transpor AG	--	Norm: UIC 651	181 km/h	Switzerland	EUROPA	2007	Front windscreen with film heating system	
	A35	 SL stockholm	450	Norm: EN 15152	135 km/h	Sweden	EUROPA	2012	Front windscreen with wire heating system	
	Avanto		Several	Norm: NF F 15-818	130 km/h	France	EUROPA	2003	Front windscreen without heating system	





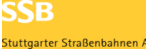






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STADLER	Tango Lyon	 Tram Lyon	--	Norm: NF F 15-818	130 km/h	France	EUROPA	2009	Front windscreen with wire heating system	
BOMBARDIER	GT6N	Several	Several	Norm: ECE R43	--	Germany	EUROPA	2003	Front windscreen with wire heating system	
BOMBARDIER	GT8N	Several	Several	Norm: ECE R43	--	Germany	EUROPA	2005	Front windscreen with wire heating system	
BOMBARDIER	Variobahn	 Helsinki City Transport	227	Norm: ECE R43	--	Finland	EUROPA	1998	Front windscreen with wire heating system	
CAF	Urbos III	 metro Málaga	3000	Norm: ECE R43	--	Spain	EUROPA	2010	Front windscreen with wire heating system	
CAF	Urbos III	 Metropolitano de Granada	300	Norm: ECE R43	--	Spain	EUROPA	2011	Front windscreen with wire heating system	











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CAF	Urbos III	 tranvía zaragoza	3030	Norm: ECE R43	--	Spain	EUROPA	2010	Front windscreen with wire heating system	
CAF	Urbos III	 Edinburgh Trams	252	Norm: ECE R43	--	United Kingdom	EUROPA	2009	Front windscreen with wire heating system	
STADLER	Tango HF	 SSB Stuttgarter Straßenbahnen AG	--	Norm: ECE R43	--	Germany	EUROPA	2011	Front windscreen with wire heating system	
BOMBARDIER	Flexity	 U Berlin	Several	Norm: ECE R43	--	Germany	EUROPA	2008	Front windscreen with wire heating system	
SIEMENS	Tram Bern XL	 BERNMOBIL	--	Norm: ECE R43	--	Switzerland	EUROPA	2009	Front windscreen with wire heating system	
SIEMENS	MST	 Metropolitano de Lisboa	C020	Norm: ECE R43	--	Portugal	EUROPA	2005	Front windscreen without heating system	




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BOMBARDIER	Cobra	 Tram Zurich	--	Norm: ECE R43	--	Switzerland	EUROPA	2000	Front windscreen with wire heating system	
BOMBARDIER	Frankfurt HF U5	 Frankfurt U-Bahn	Several	Norm: ECE R43	--	Germany	EUROPA	2007	Front windscreen without heating system	
SIEMENS	Combino	Tram Budapest	--	Norm: ECE R43	--	Hungary	EUROPA	2005	Front windscreen without heating system	
BOMBARDIER	Flexity	 avg Augsburger Verkehrsgesellschaft	--	Norm: ECE R43	--	Germany	EUROPA	2008	Front windscreen with wire heating system	
BOMBARDIER	Incentro	 NET NOTTINGHAM EXPRESS TRANSIT Nottingham Express Transit	AT6/5	Norm: ECE R43	--	United Kingdom	EUROPA	2001	Front windscreen with wire heating system	
BOMBARDIER	Incentro	Nantes tramway	AT6/5L	Norm: ECE R43	--	France	EUROPA	1999	Front windscreen with wire heating system	






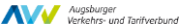
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BOMBARDIER	LRV GT4K-ZR	Several	--	Norm: ECE R43	--	Japan	ASIA	2001	Front windscreen with wire heating system	
BOMBARDIER	--	Pöstlingbergbahn	500	Norm: ECE R43	--	Austria	EUROPA	2008	Front windscreen with wire heating system	
SIEMENS	NF-U	 Rheinbahn	NF8 U	Norm: ECE R43	--	Germany	EUROPA	2005	Front windscreen without heating system	
BOMBARDIER	Straba Dresden	Dresden tramway	Several	Norm: ECE R43	--	Germany	EUROPA	2002	Front windscreen with wire heating system	
CAF	Urbos Debrecen	Tram Debrecen	252	Norm: ECE R43	--	Hungary	EUROPA	2012	Front windscreen with wire heating system	
BOMBARDIER	Variobahn	City bahn Chemnitz	--	Norm: ECE R43	--	Germany	EUROPA	1998	Front windscreen with wire heating system	

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--	Variobahn OEG	Several	--	Norm: ECE R43	--	Germany	EUROPA	1998	Front windscreen with wire heating system	
STADLER	Variobahn Tango		--	Norm: ECE R43	--	Germany	EUROPA	2006	Front windscreen without heating system	
--	--	 Stadtwerke Bonn	STB100	Norm: ECE R43	--	Germany	EUROPA	2009	Front windscreen without heating system	
BOMBARDIER	--	 AVV Ausburg	--	Norm: ECE R43	--	Germany	EUROPA	2008	Front windscreen with wire heating system	