



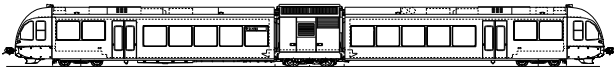
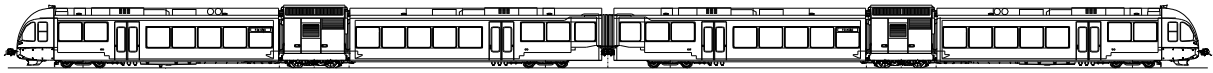
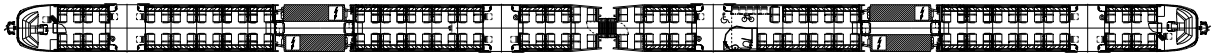
Six 2/6 and 4/12 Low-floor DMU GTWs for Sistemi Territoriali, Italy

The Sistemi Territoriali S.p.A is purchasing 6 new diesel articulated railcars for service on the Udine-Cividale and Adria-Mestre lines (4 GTW2/6 and 2 GTW 4/12). The new GTW 2/6 trains are virtually identical to those already delivered for service on the Merano-Malles line. These trains are equipped with seating 111 passengers and a disabled-accessible WC. The diesel-electric traction unit fully redundant. Two 390 kW diesel engines are employed. The GTW 4/12 trains are permanently coupled GTW 2/6 having a bellows gangway connection. These vehicles offer 245 passenger places and are also equipped with a disabled-accessible WC.

Stadler Bussnang AG
Industriestrasse 4
CH-9565 Bussnang, Switzerland
Phone +41 (0)71 626 20 20
Fax +41 (0)71 626 20 21
stadler.bussnang@stadlerrail.ch

A Stadler Rail Group company
Industriestrasse 1
CH-9565 Bussnang, Switzerland
Phone +41 (0)71 626 21 20
Fax +41 (0)71 626 21 28
stadler.rail@stadlerrail.ch

www.stadlerrail.com


GTW 2/6

GTW 4/12


Technical features

- Bright, friendly interior with large window areas
- Transparent, open interior design
- Air-conditioned passenger and driver compartments
- Closed toilet system with easy access for the disabled
- Stepless passenger compartment with wide doors: low floor section > 75%
- 2 entrance doors per side
- Spacious multipurpose area in entrance sections
- Air-suspended power and trailer bogies
- Ergonomically designed driver's cab
- Traction equipment housed in a separate power car
- Redundant traction chain consisting of two units, each with a diesel engine, asynchronous generator, IGBT power converter and asynchronous drive motor
- Vehicle control system with train bus and diagnostics computer (CAN open bus)
- Multiple-unit control for up to three vehicles

Vehicle Data

	GTW 2/6	GTW 4/12
Customer	Sistemi Territoriali	"
Lines operated	Udine - Cividale Adria - Mestre	Adria - Mestre
Gauge	1'435 mm	"
Designation	--	"
Axle arrangement	2'Bo'2'	2'Bo'2'+ 2'Bo'2'
Number of vehicles	4	2
Service start-up	ab 2006	"
Seating capacity 2. Kl.	102	230
Fold up seats	9	15
Floor height		
Low floor	585 mm	"
High floor	996 mm	"
Door width	1'320 mm	"
Longitudinal strength	1'500 kN	"
Overall length	39'500 mm	77'330 mm
Vehicle width	3'000 mm	"
Vehicle height	4'035 mm	"
Tare weight	68 t	2 x 68 t
Bogie wheelbase		
Power unit	2'100 mm	"
Trailer unit	2'100 mm	"
Powered wheel diameter (new)	860 mm	"
Trailer wheel diameter (new)	750 mm	"
Maximum power at wheel	600 kW	2 x 600 kW
Starting tractive power	80 kN	2 x 80 kN
Maximum speed	140 km/h	"

