

# Tram - train 4.100

**Customer:** FGV  
**Contract Date:** 2003  
**Number of units:** 9x3



## Basic characteristics

Trainset length	37 m
3 articulated cars	B'o+B'o 2'+B'o
Gauge	1.000mm
Vehicle width	2.550mm
High floor	360mm/900mm
Interior high	2.100mm
Passengers	311 (6 pass/m <sup>2</sup> ) & PMR
Comfort	0,31
Maximum speed	100 kph
Acceleration initial	1,12 m/s <sup>2</sup> (0-35 KPH)
Acceleration residual	0,3 m/s <sup>2</sup>
Deceleration	1,2 m/s <sup>2</sup>
Voltage	750 Vdc
Axle/load	11 t
Material body shell	Inox / Steel
Compression effort	60 t
Doors number	2 / per side-car
Min. curve radius	30 m
Climatitation	Cabin + passengers
Multiple unit control	Yes (2 units)
Gradient	60 per 1000
Intercirculation	Gang-way
Traction chain	IGBT's
Train control	TCN, FAP, ATP, SICAS, CESIS